ENERGY STAR Water Heaters Product List

List Posted on February 20, 2013

Below are currently qualified ENERGY STAR models available for sale in the U.S.

*Standby Loss and Thermal Efficiency data was not collected under the Version 1.1 ENERGY STAR Program Requirements for Water Heaters.

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliar Tank Input (k
AirGenerate, LLC	AirGenerate	AirTap	ATI1266		Heat Pump	Electric		66						4.5	240	1950				2.2			60												
AirGenerate, LLC	AirGenerate	AirTap	ATI66		Heat Pump	Electric		66	69.8		25.5			6.8	240	1969				2.2			66												
AirGenerate, LLC	AirGenerate		ATI66		Heat Pump	Electric		66						5	220	1830				2.4			75												
AirGenerate, LLC	AirGenerate	AirTap	ATI80		Heat Pump	Electric		80	73.8		25.5			6.8	240	2007.1				2.2			80												
AIRMAX Industries LLC	Airmax	MH4WH	MH4WH		Heat Pump	Electric		50	53		17.7			1.2	220	1999				0.98					100%										
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-120-64		Solar with Electric Backup			120						4.5		2089										Direct Forced Circulation	Flat Plate	63	0.6	2.1					
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-120-80		Solar with Electric Backup			120						4.5		1625										Direct Forced Circulation	Flat Plate	79	0.7	2.7					
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-120-96		Solar with Electric Backup			120						4.5		1097										Direct Forced Circulation	Flat Plate	95	0.8	4					
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-80-40		Solar with Electric Backup			80						4.5		2581										Direct Forced Circulation	Flat Plate	39	0.5	1.7					
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-80-52		Solar with Electric Backup			80						4.5		2194										Direct Forced Circulation	Flat Plate	50	0.6	2					
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-80-64		Solar with Electric Backup			80						4.5		1755										Direct Forced Circulation	Flat Plate	63	0.6	2.5					
Alternate Energy Technologies, LLC.	EagleSun Systems		DB-80-80		Solar with Electric Backup			80						4.5		1186										Direct Forced Circulation	Flat Plate	79	0.8	3.7					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-120-64		Solar with Electric Backup			120						4.5		1415										Direct Forced Circulation	Flat Plate	63	0.7	3.1					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-120-80		Solar with Electric Backup			120						4.5		798										Direct Forced Circulation	Flat Plate	79	0.8	5.5					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-120-96		Solar with Electric Backup			120						4.5		482										Direct Forced Circulation	Flat Plate	95	0.9	9.1					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-80-40		Solar with Electric Backup			80						4.5		2309										Direct Forced Circulation	Flat Plate	39	0.5	1.9					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-80-52		Solar with Electric Backup			80						4.5		1828										Direct Forced Circulation	Flat Plate	50	0.6	2.4					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-80-64		Solar with Electric Backup			80						4.5		1097										Direct Forced Circulation	Flat Plate	63	0.8	4					
Alternate Energy Technologies, LLC.	EagleSun Systems		DX-80-80		Solar with Electric Backup			80						4.5		562										Direct Forced Circulation	Flat Plate	79	0.9	7.8					
A.O. Smith Corporation	American	HE Flue Damper	FDG6240S403N		Gas Storage	Natural Gas		40	49	55	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	American	HE Flue Damper	FDG6240S403P		Gas Storage	Propane		40	49	55	22	3	4				36,000			0.67			67												
A.O. Smith Corporation	American	HE Flue Damper	FDG6240T403NOV		Gas Storage	Propane		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	American	HE Flue Damper	FDG6240T403PV		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				37,000			0.67			67												
A.O. Smith Corporation	American	HE Flue Damper	FDG6250T403NOV		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	American	HE Flue Damper	FDG6250T403PV		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	American		GT110NE 100		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	American		GT110NI 100		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	83%										
A.O. Smith Corporation	American		GT110PE 101		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	American		GT110PI 101		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	American	GT 110UE 100	GT 110UE 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	American	GT 110UI 100	GT 110UI 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	American	GT 240NEH 100	GT 240NEH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	American	GT 240NIH 100	GT 240NIH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	American	GT 240PEH 101	GT 240PEH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	American	GT 240PIH 101	GT 240PIH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	American		GT-305-NE (200 Series)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	83%										
A.O. Smith Corporation	American		GT-305-NI (200 Series)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
A.O. Smith Corporation	American		GT-305-PE (201 Series)		Gas Tankless	Propane											180,000			0.82		200		3.9	83%										
A.O. Smith Corporation	American		GT-305-PI (201 Series)		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
A.O. Smith Corporation	American		GT310NE 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										
A.O. Smith Corporation	American		GT310NI 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	American		GT310PE 101		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	American		GT310PI 101		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	American	GTS 310UE 100	GT 310UE 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	American	GT 310UI 100	GT 310UI 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	American	GTU 320NIH 100	GT 320NEH 100		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	American	GTU520PIH 101	GT 320NIH 100		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	American	GTU 320PIH 101	GT 320PEH 101		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	American	GTU520NEH 100	GT 320PIH 101		Gas Tankless	Natural Gas											180,000			0.91				4.4											
A.O. Smith Corporation	American	GT 340NEH 100	GT 340NEH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	American	GT 340NIH 100	GT 340NIH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	American	GT 340PEH 101	GT 340PEH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	American	GT 340PIH 101	GT 340PIH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	American		GT-505-NE		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
A.O. Smith Corporation	American		GT-505-NI		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
A.O. Smith Corporation	American		GT-505-PE		Gas Tankless	Propane											190,000			0.82		200		4.3	82%										
A.O. Smith Corporation	American		GT-505-PI		Gas Tankless	Propane											190,000			0.82		200		4.3	83%										
A.O. Smith Corporation	American		GT510NE 100		Gas Tankless	Natural Gas											199,000			0.82	184	0		4.25	82%										
A.O. Smith Corporation	American		GT510NI 100		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	American		GT510PE 101		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	American		GT510PI 101		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	American	GT 510UE 100	GT 510UE 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	American	GT 510UI 100	GT 510UI 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	American		GT 520NEH 100		Gas Tankless	Natural Gas											199,000			0.91	166			4.65	91%										
A.O. Smith Corporation	American		GT 520NIH 100		Gas Tankless	Natural Gas											199,000			0.91	163			4.69	93%										
A.O. Smith Corporation	American		GT 520PEH 101		Gas Tankless	Propane											199,000			0.91		162		4.85	93%										
A.O. Smith Corporation	American		GT 520PIH 101		Gas Tankless	Propane											199,000			0.91		175		4.87	94%										
A.O. Smith Corporation	American	GTS 540NEH 100	GT 540NEH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	American	GT 540NIH 100	GT 540NIH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	American	GT 540PEH 101	GT 540PEH 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	American	GT 540PIH 101	GT 540PIH 101		Gas Tankless	Propane											199,000			0.95				4.9											

y (W)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
					6	6	10/7/2009	10/7/2009	United States	
							12/16/2010	1/8/2013	United States	ES_1069623_ATI86_01152013H173000_5012701
					10	10		12/16/2010	United States	
							1/28/2013	1/8/2013	United States	ES_1069623_ATI80_01152013H173000_5012702
							5/15/2012	12/19/2012	United States, Australia, New Zealand, Taiwan, Japan, Canada	ES_1118397_MHWH_12172012155703_2772485
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
			10	2	6	1	3/30/2009	3/30/2009	United States	
							5/8/2011	10/4/2012	United States	ES_92897_4946710_10042012155737_0567395
							5/8/2011	10/4/2012	United States	ES_92897_4946715_10042012155738_1106519
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2110286_10042012155738_3184999
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2110305_10042012155738_2237352
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2110287_10042012155738_8773352
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2110131_10042012155738_8152505
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_5446857_10042012155739_3666260
		12					7/1/2012	10/4/2012	United States	ES_92897_5441162_10042012155739_1287220
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526900_10042012155740_1826344
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526893_10042012155740_8689144
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526903_10042012155740_2630377
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526896_10042012155740_0904937
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_5447666_10042012155740_1695850
		12					7/1/2012	10/4/2012	United States	ES_92897_5447662_10042012155740_4427930
		12					8/1/2011	10/4/2012	United States	ES_92897_4690333_10042012155740_4133883
		12					8/1/2011	10/4/2012	United States	ES_92897_4675615_10042012155740_1447676
		12					8/1/2011	10/4/2012	United States	ES_92897_4690721_10042012155740_3748396
		12					8/1/2011	10/4/2012	United States	ES_92897_4675617_10042012155740_0408589
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527483_10042012155741_3973840
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527482_10042012155741_5196113
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527484_10042012155741_9013153
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527485_10042012155741_9477266
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_5447673_10042012155741_7751826
		12					7/1/2012	10/4/2012	United States	ES_92897_5447670_10042012155741_3431619
		12				5	9/17/2010	9/17/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527496_10042012155741_7248659
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527491_10042012155741_1843492
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527500_10042012155741_1855612
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527502_10042012155741_1993925

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	American		HPE10260H045DV		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
A.O. Smith Corporation	American		HPE10280H045DV		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
A.O. Smith Corporation	American		PCG6240T403NO V 100		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										
A.O. Smith Corporation	American		PCG6250T403NO V 100		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI120 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	31.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI144 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	31.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI150 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	1.9	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI150 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	2.2	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI154 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	1.8	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI154 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	2.1	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI220 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	50.9	2	2.3	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI220 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	50.9	2	3	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI240 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.8	2	3.3	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI240 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.8	2	5.3	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI244 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.7	2	3	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI244 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.7	2	4.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI250 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.8	2	5.6	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI250 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI254 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.9	2	5.4	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI254 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.9	2	11.2	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI320 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	76.4	2	4.9	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI320 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	76.4	2	10.1	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI340 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI340 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI344 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.6	2	12.1	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI344 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.6	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI350 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI350 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI354 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.8	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI354 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI420 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	101.8	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI420 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	101.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI440 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.6	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI440 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.6	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI444 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.4	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI444 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.4	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI450 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.6	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI450 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.6	2	20.8	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI454 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSX62 ACI454 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE150 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	39.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE220 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	50.9	2	2.1	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE220 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	50.9	2	2.2	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE240 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.8	2	2.8	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE240 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.8	2	3	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE244 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.7	2	2.6	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE244 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.7	2	2.8	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE250 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.8	2	4.3	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE250 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.8	2	4.9	-30	80	Tank	0	

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
					10	10	8/10/2010	8/10/2010	United States	
					10	10	3/25/2010	3/5/2010	United States	
					6	6	4/29/2010	4/29/2010	United States	
					6	6	4/29/2010	4/29/2010	United States	
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI120 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI144 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI150 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI150 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI154 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI154 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI220 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI220 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI240 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI240 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI244 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI244 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI250 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI250 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI254 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI254 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI320 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI320 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI340 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI340 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI344 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI344 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI350 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI350 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI354 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI354 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI420 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI420 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI440 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI440 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI444 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI444 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI450 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI450 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI454 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSX62 ACI454 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE150 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE220 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE220 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE240 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE240 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE244 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE244 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE250 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE250 - 80_100120121319 01_3902893

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE254 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.9	2	3.8	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE254 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.9	2	4.4	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE320 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	76.4	2	3.5	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE320 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	76.4	2	4.3	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE340 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.7	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE340 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.7	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE344 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.6	2	6.7	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE344 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.6	2	6.7	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE350 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.7	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE350 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.7	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE354 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.8	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE354 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.8	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE420 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	101.8	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE420 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	101.8	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE440 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.6	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE440 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.6	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE444 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.4	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE444 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.4	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE450 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.6	2	8	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE450 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.6	2	8.5	-30	80	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE454 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.7	2	8	-30	120	Tank	0	
A.O. Smith Corporation	American Solar	No name found	SSY62 ACE454 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.7	2	8.5	-30	80	Tank	0	
A.O. Smith Corporation	A. O. Smith	HE Flue Damper	GCF 40 100		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	A. O. Smith	HE Flue Damper	GCF 40 101		Gas Storage	Propane		40	58.2	61.7	20	3	4				36,000			0.67			67												
A.O. Smith Corporation	A. O. Smith	HE Flue Damper	GCF 50 100		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	A. O. Smith	HE Flue Damper	GCF 50 101		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	A. O. Smith	HE Flue Damper	GCFL 40 100		Gas Storage	Natural Gas		40	47.7	51.5	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	A. O. Smith	HE Flue Damper	GCFL 40 101		Gas Storage	Propane		40	47.7	51.5	22	3	4				36,000			0.67			67												
A.O. Smith Corporation	A.O. Smith	154.33501	AT0 320H 100		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	A.O. Smith	154.33502	AT0 320H 101		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	A.O. Smith		ATI 110 100		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	83%										
A.O. Smith Corporation	A.O. Smith		ATI 110 101		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	A.O. Smith	ATI 110U 100	ATI 110U 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	A.O. Smith	ATI 240H 100	ATI 240H 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	A.O. Smith	ATI 240H 101	ATI 240H 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	A.O. Smith		ATI-305-N (200 Series)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
A.O. Smith Corporation	A.O. Smith		ATI-305-P (201 Series)		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
A.O. Smith Corporation	A.O. Smith		ATI 310 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	A.O. Smith		ATI 310 101		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	A.O. Smith	ATI 310U 100	ATI 310U 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	A.O. Smith	154.33503	ATI 320H 100		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	A.O. Smith	GTU520NIH 100	ATI 320H 101		Gas Tankless	Natural Gas											180,000			0.91				4.4											
A.O. Smith Corporation	A.O. Smith	ATI 340H 100	ATI 340H 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	A.O. Smith	ATI 340H 101	ATI 340H 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	A.O. Smith		ATI-505-N		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
A.O. Smith Corporation	A.O. Smith		ATI-505-P		Gas Tankless	Propane											190,000			0.82		200		4.3	83%										
A.O. Smith Corporation	A.O. Smith		ATI 510 100		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	A.O. Smith		ATI 510 101		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	A.O. Smith	ATI 510U 100	ATI 510U 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	A.O. Smith		ATI 520H 100		Gas Tankless	Natural Gas											199,000			0.91	163			4.69	93%										
A.O. Smith Corporation	A.O. Smith		ATI 520H 101		Gas Tankless	Propane											199,000			0.91		175		4.87	94%										
A.O. Smith Corporation	A.O. Smith	ATI 540H 100	ATI 540H 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	A.O. Smith	ATI 540H 101	ATI 540H 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	A.O. Smith		ATO 110 100		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	A.O. Smith		ATO 110 101		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	A.O. Smith	ATO 110U 100	ATO 110U 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	A.O. Smith	ATO 240H 100	ATO 240H 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	A.O. Smith	ATO 240H 101	ATO 240H 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	A.O. Smith		ATO-305-N (200 Series)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	83%										
A.O. Smith Corporation	A.O. Smith		ATO-305-P (201 Series)		Gas Tankless	Propane											180,000			0.82		200		3.9	83%										
A.O. Smith Corporation	A.O. Smith		ATO 310 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE254 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE254 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE320 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE320 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE340 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE340 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE344 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE344 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE350 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE350 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE354 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE354 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE420 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE420 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE440 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE440 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE444 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE444 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE450 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE450 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE454 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SSY62 ACE454 - 80_10012012131901_3902893
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211052 7_10042012155738_1008778
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211058 6_10042012155738_7871578
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211052 8_10042012155738_6597131
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211058 7_10042012155738_2806331
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211053 1_10042012155738_2185484
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211058 8_10042012155739_1946815
		12					8/1/2011	10/4/2012	United States	ES_92897_462743 8_10042012155108_5238105
		12					8/1/2011	10/4/2012	United States	ES_92897_462743 9_10042012155108_0159738
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_544116 0_10042012155108_9087898
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552687 6_10042012155108_9878811
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552687 7_10042012155108_4349451
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_544766 0_10042012155108_5244924
		12					8/1/2011	10/4/2012	United States	ES_92897_462744 0_10042012155108_5584844
		12					8/1/2011	10/4/2012	United States	ES_92897_467561 4_10042012155108_9526077
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552688 0_10042012155108_1604557
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552688 1_10042012155109_2143681
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		10				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_544766 8_10042012155109_6614321
		12				5	9/16/2010	9/16/2010	United States	
		12				5	9/16/2010	9/16/2010	United States	
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552688 4_10042012155109_2189554
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552688 5_10042012155109_4268034
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_544685 5_10042012155109_8530067
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552687 8_10042012155109_8549187
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552687 9_10042012155109_1078660
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	A.O. Smith		ATO 310 101		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	A.O. Smith	ATO 310U 100	ATO 310U 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	A.O. Smith	ATO 340H 100	ATO 340H 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	A.O. Smith	ATO 340H 101	ATO 340H 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	A.O. Smith		ATO-505-N		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
A.O. Smith Corporation	A.O. Smith		ATO-505-P		Gas Tankless	Propane											190,000			0.82		200		4.3	82%										
A.O. Smith Corporation	A.O. Smith		ATO 510 100		Gas Tankless	Natural Gas											199,000			0.82	184	0		4.25	82%										
A.O. Smith Corporation	A.O. Smith		ATO 510 101		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	A.O. Smith	ATO 510U 100	ATO 510U 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	A.O. Smith		ATO 520H 100		Gas Tankless	Natural Gas											199,000			0.91	166			4.65	91%										
A.O. Smith Corporation	A.O. Smith		ATO 520H 101		Gas Tankless	Propane											199,000			0.91		162		4.85	93%										
A.O. Smith Corporation	A.O. Smith	ATO 540H 100	ATO 540H 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	A.O. Smith	ATO 540H 101	ATO 540H 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	A.O. Smith		GAHH 40 100		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										
A.O. Smith Corporation	A.O. Smith		GAHH 50 100		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
A.O. Smith Corporation	A.O. Smith		GPVR-40 100		Gas Storage	Natural Gas		40	55	63	20.5	3					40,000			0.67	224		70		82%										
A.O. Smith Corporation	A.O. Smith		GPVR-40 101		Gas Storage	Propane		40	55	63	20.5	3					40,000			0.67		246	70		82%										
A.O. Smith Corporation	A.O. Smith		GPVR-50 100		Gas Storage	Natural Gas		50	56.8	65	22	3					40,000			0.67	224		83		82%										
A.O. Smith Corporation	A.O. Smith		GPVR-50 101		Gas Storage	Propane		50	56.8	65	22	3					40,000			0.67		246	83		82%										
A.O. Smith Corporation	A.O. Smith		PHPT-60		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
A.O. Smith Corporation	A.O. Smith		PHPT-80		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
A.O. Smith Corporation	A.O. Smith		T-H2-DV		Gas Tankless	Natural Gas											199,000			0.93	163			4.69	93%										
A.O. Smith Corporation	A.O. Smith		T-H2-DV		Gas Tankless	Propane											199,000			0.95		175		4.87	84%										
A.O. Smith Corporation	A.O. Smith		T-H2-OS		Gas Tankless	Natural Gas											199,000			0.91	166			4.65	93%										
A.O. Smith Corporation	A.O. Smith		T-H2-OS		Gas Tankless	Propane											199,000			0.94		162		4.85	83%										
A.O. Smith Corporation	Apollo		A10 40 HRVIT L2 101		Gas Storage	Propane		40	55	63	20.5	3					40,000			0.67		253	70		82%										
A.O. Smith Corporation	Apollo		A10 40 YRVIT L2 100		Gas Storage	Natural Gas		40	55	63	20.5	3					40,000			0.67	230		70		82%										
A.O. Smith Corporation	Apollo		A10 50 HRVIT L2 101		Gas Storage	Propane		50	56.8	65	22	3					40,000			0.67		253	83		82%										
A.O. Smith Corporation	Apollo		A10 50 YRVIT L2 100		Gas Storage	Natural Gas		50	56.8	65	22	3					40,000			0.67	230		83		82%										
A.O. Smith Corporation	Apollo		A6 40 HRVIT L2 101		Gas Storage	Propane		40	55	63	20.5	3					40,000			0.67		253	70		82%										
A.O. Smith Corporation	Apollo		A6 40 YRVIT L2 100		Gas Storage	Natural Gas		40	55	63	20.5	3					40,000			0.67	230		70		82%										
A.O. Smith Corporation	Apollo		A6 50 HRVIT L2 101		Gas Storage	Propane		50	56.8	65	22	3					40,000			0.67		253	83		82%										
A.O. Smith Corporation	Apollo		A6 50 YRVIT L2 100		Gas Storage	Natural Gas		50	56.8	65	22	3					40,000			0.67	230		83		82%										
A.O. Smith Corporation	Cirrex	No name found	SACE 01 100501 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	39.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100202 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	50.9	2	2.1	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100202 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	50.9	2	2.2	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100402 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.8	2	2.8	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100402 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.8	2	3	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100442 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.7	2	2.6	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100442 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.7	2	2.8	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100502 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.8	2	4.3	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100502 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.8	2	4.9	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100542 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.9	2	3.8	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 02 100542 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.9	2	4.4	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100203 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	76.4	2	3.5	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100203 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	76.4	2	4.3	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100403 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.7	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100403 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.7	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100443 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.6	2	6.7	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100443 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.6	2	6.7	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100503 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.7	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100503 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.7	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100543 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.8	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 03 100543 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.8	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100204 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	101.8	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100204 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	101.8	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100404 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.6	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100404 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.6	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100444 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.4	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100444 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.4	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100504 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.6	2	8	-30	120	Tank	0	

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_5447667_10042012155109_8046020
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526882_10042012155109_6117973
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526883_10042012155109_8196453
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_5447675_10042012155109_1052726
		12				5	9/16/2010	9/16/2010	United States	
		12				5	9/16/2010	9/16/2010	United States	
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526886_10042012155109_4869766
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526887_10042012155110_8559210
					6	6	4/29/2010	4/29/2010	United States	
					6	6	4/29/2010	4/29/2010	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					10	10	8/10/2010	8/10/2010	United States	
					10	10	3/25/2010	3/5/2010	United States	
		10				5	9/28/2010	9/28/2010	United States	
		10				5	9/28/2010	9/28/2010	United States	
		10				5	9/28/2010	9/28/2010	United States	
		10				5	9/28/2010	9/28/2010	United States	
					10	6	1/28/2009	1/28/2009	United States	
					10	6	1/28/2009	1/28/2009	United States	
					10	6	1/28/2009	1/28/2009	United States	
					10	6	1/28/2009	1/28/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 01 100501 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100202 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100202 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100402 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100402 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100442 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100442 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100502 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100502 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100542 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 02 100542 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100203 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100203 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100403 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100403 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100443 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100443 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100503 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100503 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100543 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 03 100543 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100204 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100204 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100404 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100404 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100444 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100444 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100504 - 120_10012012131 901_3902893

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100504 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.6	2	8.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100544 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.7	2	8	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACE 04 100544 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.7	2	8.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 01 200401 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	31.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 01 200441 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	31.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 01 200501 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	1.9	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 01 200501 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	2.2	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 01 200541 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	1.8	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 01 200541 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	2.1	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200202 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	50.9	2	2.3	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200202 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	50.9	2	3	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200402 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.8	2	3.3	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200402 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.8	2	5.3	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200442 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.7	2	3	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200442 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.7	2	4.5	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200502 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.8	2	5.6	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200502 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200542 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.9	2	5.4	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 02 200542 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.9	2	11.2	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200203 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	76.4	2	4.9	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200203 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	76.4	2	10.1	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200403 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200403 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200443 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.6	2	12.1	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200443 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.6	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200503 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200503 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200543 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.8	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 03 200543 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200204 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	101.8	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200204 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	101.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200404 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.6	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200404 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.6	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200444 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.4	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200444 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.4	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200504 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.6	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200504 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.6	2	20.8	-30	80	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200544 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	Cirrex	No name found	SACI 04 200544 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2F4040T3NOV		Gas Storage	Propane		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2F4040T3PV		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				37,000			0.67			67												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2F5040T3NOV		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2F5040T3PV		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2H4040T3NOV		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2H4040T3PV		Gas Storage	Propane		40	58.2	61.7	20	3	4				37,000			0.67			67												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2H5040T3NOV		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	Craftmaster	HE Flue Damper	FDG2H5040T3PV		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	POWERFLEX		PDVG6240T42NV		Gas Storage	Natural Gas	Power Direct Vent	40	58.6	66.9	20	2					42,000			0.67	224		67		76%										
A.O. Smith Corporation	POWERFLEX		PDVG6240T42PV		Gas Storage	Propane	Power Direct Vent	40	58.6	66.9	20	2					42,000			0.67		246	67		76%										
A.O. Smith Corporation	POWERFLEX		PDVG6250T42NV		Gas Storage	Natural Gas	Power Direct Vent	50	57.4	65.6	22	2					42,000			0.67	224		81		76%										
A.O. Smith Corporation	POWERFLEX		PDVG6250T42PV		Gas Storage	Propane	Power Direct Vent	50	57.4	65.6	22	2					42,000			0.67		246	81		76%										
A.O. Smith Corporation	POWERFLEX		PDVG6250T60NV		Gas Storage	Natural Gas	Power Direct Vent	50	57.4	65.6	22	3					60,000			0.67	224		87		76%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100504 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100544 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACE 04 100544 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 01 200401 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 01 200441 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 01 200501 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 01 200501 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 01 200541 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 01 200541 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200202 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200202 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200402 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200402 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200442 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200442 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200502 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200502 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200542 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 02 200542 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200203 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200203 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200403 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200403 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200443 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200443 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200503 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200503 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200543 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 03 200543 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200204 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200204 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200404 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200404 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200444 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200444 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200504 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200504 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200544 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SACI 04 200544 - 80_100120121319 01_3902893
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211390 8_1004201215573 7_0351150
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211392 5_1004201215573 7_2880623
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211390 9_1004201215573 7_2566943
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211356 1_1004201215573 7_9553936
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211391 0_1004201215573 7_0044289
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211356 2_1004201215573 7_0835202
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211391 1_1004201215573 7_5410402
							1/24/2011	10/4/2012	United States, Canada	ES_92897_211356 3_1004201215573 7_8162115
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
A.O. Smith Corporation	POWERFLEX		PDVG6250T60PV		Gas Storage	Propane	Power Direct Vent	50	57.4	65.6	22	3					50,000			0.67		246	87		76%										
A.O. Smith Corporation	POWERFLEX		PVG6240T42NV		Gas Storage	Natural Gas	Power Vent	40	58.6	66.9	20	2					42,000			0.67	224		67		76%										
A.O. Smith Corporation	POWERFLEX		PVG6240T42PV		Gas Storage	Propane	Power Vent	40	58.6	66.9	20	2					42,000			0.67		246	67		76%										
A.O. Smith Corporation	POWERFLEX		PVG6250T42NV		Gas Storage	Natural Gas	Power Vent	50	57.4	65.6	22	2					42,000			0.67	224		81		76%										
A.O. Smith Corporation	POWERFLEX		PVG6250T42PV		Gas Storage	Propane	Power Vent	50	57.4	65.6	22	2					42,000			0.67		246	81		76%										
A.O. Smith Corporation	POWERFLEX		PVG6250T60NV		Gas Storage	Natural Gas	Power Vent	50	57.4	65.6	22	3					60,000			0.67	224		87		76%										
A.O. Smith Corporation	POWERFLEX		PVG6250T60PV		Gas Storage	Propane	Power Vent	50	57.4	65.6	22	3					50,000			0.67		246	87		76%										
A.O. Smith Corporation	Rainsoft		GTR110NE 100		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	Rainsoft		GTR110NI 100		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	83%										
A.O. Smith Corporation	Rainsoft		GTR110PE 101		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	Rainsoft		GTR110PI 101		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	Rainsoft		GTR310NE 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										
A.O. Smith Corporation	Rainsoft		GTR310NI 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	Rainsoft		GTR310PE 101		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	Rainsoft		GTR310PI 101		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	Rainsoft		GTR510NE 100		Gas Tankless	Natural Gas											199,000			0.82	184	0		4.25	82%										
A.O. Smith Corporation	Rainsoft		GTR510NI 100		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	Rainsoft		GTR510PE 101		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	Rainsoft		GTR510PI 101		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	Reliance		10 60 DHPT		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
A.O. Smith Corporation	Reliance		10 80 DHPT		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
A.O. Smith Corporation	Reliance		12 40GPC T 100		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										
A.O. Smith Corporation	Reliance		12 50GPC T 100		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
A.O. Smith Corporation	Reliance	HE Flue Damper	6 40GBF S 100		Gas Storage	Natural Gas		40	47.7	51.5	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	6 40GBF T 100		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	6 40LBF T 101		Gas Storage	Propane		40	58.2	61.7	20	3	4				36,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	6 50GBF T 100		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	Reliance	HE Flue Damper	6 50LBF T 101		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	Reliance	HE Flue Damper	9 40GKF S 100		Gas Storage	Natural Gas		40	47.7	51.5	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	9 40GKF T 100		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	9 40LKF S 101		Gas Storage	Propane		40	47.7	51.5	22	3	4				36,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	9 40LKF T 101		Gas Storage	Propane		40	58.2	61.7	20	3	4				36,000			0.67			67												
A.O. Smith Corporation	Reliance	HE Flue Damper	9 50GKF T 100		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	Reliance	HE Flue Damper	9 50LKF T 101		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	Reliance		TS110GE 100		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	Reliance		TS110GI 100		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	83%										
A.O. Smith Corporation	Reliance		TS110LE 101		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	Reliance		TS110LI 101		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	Reliance	TS 110UE 100	TS 110UE 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	Reliance	TS 110UI 100	TS 110UI 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	Reliance	GTU 540PIH 101	TS 240GEH 100		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	Reliance	TS 240GIH 100	TS 240GIH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	Reliance	TS 240LEH 101	TS 240LEH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	Reliance	TS 240LIH 101	TS 240LIH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	Reliance		TS310GE 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										
A.O. Smith Corporation	Reliance		TS310GI 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	Reliance		TS310LE 101		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	Reliance		TS310LI 101		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	Reliance	TS 310UE 100	TS 310UE 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	Reliance	TS 310UI 100	TS 310UI 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	Reliance	GTS 320NEH 100	TS 320GEH 100		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	Reliance	ATO 320H 101	TS 320GIH 100		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	Reliance	GTS 320PEH 101	TS 320LEH 101		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	Reliance	GT 320PEH 101	TS 320LIH 101		Gas Tankless	Propane											180,000			0.91				4.4											
A.O. Smith Corporation	Reliance	TS 340GEH 100	TS 340GEH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	Reliance	TS 340GIH 100	TS 340GIH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	Reliance	TS 340LEH 101	TS 340LEH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	Reliance	TS 340LIH 101	TS 340LIH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	Reliance		TS510GE 100		Gas Tankless	Natural Gas											199,000			0.82	184	0		4.25	82%										
A.O. Smith Corporation	Reliance		TS510GI 100		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	Reliance		TS510LE 101		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	Reliance		TS510LI 101		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	Reliance	TS 510UE 100	TS 510UE 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	Reliance	TS 510UI 100	TS 510UI 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	Reliance	TS 320LEH 101	TS520GEH 100		Gas Tankless	Propane											199,000			0.91				4.7											
A.O. Smith Corporation	Reliance	T-H2S-OS-P	TS520GIH 100		Gas Tankless	Propane											199,000			0.91				4.7											
A.O. Smith Corporation	Reliance	T-H2S-OS-N	TS520LEH 101		Gas Tankless	Natural Gas											199,000			0.91				4.7											
A.O. Smith Corporation	Reliance	TS 540GEH 100	TS 540GEH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	Reliance	TS 540GIH 100	TS 540GIH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	Reliance	TS 540LEH 101	TS 540LEH 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	Reliance	TS 540LIH 101	TS 540LIH 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	State		EPX 60 DHPT		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
A.O. Smith Corporation	State		EPX 80 DHPT		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
A.O. Smith Corporation	State		GP 6 40YPC T 100		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
					6	6	1/22/2009	1/22/2009	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
					10	10	8/10/2010	8/10/2010	United States	
					10	10	3/25/2010	3/5/2010	United States	
					12	12	4/29/2010	4/29/2010	United States	
					12	12	4/29/2010	4/29/2010	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111595_10042012155107_0443456
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111596_10042012155107_7306256
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111484_10042012155107_0162529
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111437_10042012155107_7025329
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111493_10042012155107_9881602
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111448_10042012155107_2097395
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111449_10042012155107_0698755
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111502_10042012155107_3981828
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111503_10042012155107_2907381
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111459_10042012155107_2947301
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2111510_10042012155108_7290345
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12					7/1/2012	10/9/2012	United States	ES_92897_5446858_10052012140719_2122008
		12					7/1/2012	10/9/2012	United States	ES_92897_5446853_10052012140719_6592648
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527516_10052012140719_3252841
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5526893_10052012140719_0220201
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5526935_10052012140719_5449001
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5526897_10052012140720_9465245
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12					7/1/2012	10/9/2012	United States	ES_92897_5447664_10052012140720_8393405
		12					7/1/2012	10/9/2012	United States	ES_92897_5447663_10052012140720_5707198
		12					8/1/2011	10/9/2012	United States	ES_92897_4690726_10052012140720_4001391
		12					8/1/2011	10/9/2012	United States	ES_92897_4690727_10052012140720_5321711
		12					8/1/2011	10/9/2012	United States	ES_92897_4690728_10052012140720_1223744
		12					8/1/2011	10/9/2012	United States	ES_92897_4690729_10052012140720_6472177
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527486_10052012140720_9857857
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527489_10052012140720_5119410
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527487_10052012140721_1854614
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527488_10052012140721_7959254
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12					7/1/2012	10/9/2012	United States	ES_92897_5447672_10052012140721_9403767
		12					7/1/2012	10/9/2012	United States	ES_92897_5447671_10052012140721_6390760
		12					8/1/2011	10/9/2012	United States	ES_92897_4690730_10052012140721_0953146
		12					8/1/2011	10/9/2012	United States	ES_92897_4693028_10052012140722_3884430
		12					8/1/2011	10/9/2012	United States	ES_92897_4693029_10052012140722_7943343
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527498_10052012140721_6730680
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527492_10052012140721_7846393
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527501_10052012140721_2645833
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_5527503_10052012140721_2351786
					10	10	8/10/2010	8/10/2010	United States	
					10	10	3/25/2010	3/5/2010	United States	
					6	6	4/29/2010	4/29/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	State		GP 6 50YPC T 100		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
A.O. Smith Corporation	State	HE Flue Damper	GS 6 40HBF S 101		Gas Storage	Propane		40	47.7	51.5	22	3	4				36,000			0.67			67												
A.O. Smith Corporation	State	HE Flue Damper	GS 6 40HBF T 101		Gas Storage	Propane		40	58.2	61.7	20	3	4				36,000			0.67			67												
A.O. Smith Corporation	State		GS6 40 HBVIT 2 101		Gas Storage	Propane		40	55	63	20.5	3					40,000			0.67		246	70		82%										
A.O. Smith Corporation	State	HE Flue Damper	GS 6 40YBF S 100		Gas Storage	Natural Gas		40	47.7	51.5	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	State	HE Flue Damper	GS 6 40YBF T 100		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	State		GS6 40 YBVIT 2 100		Gas Storage	Natural Gas		40	55	63	20.5	3					40,000			0.67	224		70		82%										
A.O. Smith Corporation	State	HE Flue Damper	GS 6 50HBF T 101		Gas Storage	Propane		50	57.2	61	22	3	4				37,000			0.67			81												
A.O. Smith Corporation	State		GS6 50 HBVIT 2 101		Gas Storage	Propane		50	56.8	65	22	3					40,000			0.67		246	83		82%										
A.O. Smith Corporation	State	HE Flue Damper	GS 6 50YBF T 100		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	State		GS6 50 YBVIT 2 100		Gas Storage	Natural Gas		50	56.8	65	22	3					40,000			0.67	224		83		82%										
A.O. Smith Corporation	State		GT S110NE 100		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	State		GT S110NI 100		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	8%										
A.O. Smith Corporation	State		GT S110PE 101		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	State		GT S110PI 101		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	State		GTS-305-NE (200 Series)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	83%										
A.O. Smith Corporation	State		GTS-305-NI (200 Series)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
A.O. Smith Corporation	State		GTS-305-PE (201 Series)		Gas Tankless	Propane											180,000			0.82		200		3.9	83%										
A.O. Smith Corporation	State		GTS-305-PI (201 Series)		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
A.O. Smith Corporation	State		GT S310NE 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										
A.O. Smith Corporation	State		GT S310NI 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	State		GT S310PE 101		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	State		GT S310PI 101		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	State		GTS-505-NE		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
A.O. Smith Corporation	State		GTS-505-NI		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
A.O. Smith Corporation	State		GTS-505-PE		Gas Tankless	Propane											190,000			0.82		200		4.3	82%										
A.O. Smith Corporation	State		GTS-505-PI		Gas Tankless	Propane											190,000			0.82		200		4.3	83%										
A.O. Smith Corporation	State		GT S510NE 100		Gas Tankless	Natural Gas											199,000			0.82	184	0		4.25	82%										
A.O. Smith Corporation	State		GT S510NI 100		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	State		GT S510PE 101		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	State		GT S510PI 101		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	State		GTS 520NEH 100		Gas Tankless	Natural Gas											199,000			0.91	166			4.65	91%										
A.O. Smith Corporation	State		GTS 520NIH 100		Gas Tankless	Natural Gas											199,000			0.91	163			4.69	93%										
A.O. Smith Corporation	State		GTS 520PEH 101		Gas Tankless	Propane											199,000			0.91		162		4.85	93%										
A.O. Smith Corporation	State		GTS 520PIH 101		Gas Tankless	Propane											199,000			0.91		175		4.87	94%										
A.O. Smith Corporation	State Industries	GTS 240NEH 100	GTS 240NEH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	State Industries	GTS 240NIH 100	GTS 240NIH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	State Industries	GTS 240PEH 101	GTS 240PEH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	State Industries	GTS 240PIH 101	GTS 240PIH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	State Industries	GTS 340NEH 100	GTS 340NEH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	State Industries	GTS 340NIH 100	GTS 340NIH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	State Industries	GTS 340PEH 101	GTS 340PEH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	State Industries	GTS 340PIH 101	GTS 340PIH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	State Industries	GT 540NEH 100	GTS 540NEH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	State Industries	GTS 540NIH 100	GTS 540NIH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	State Industries	GTS 540PEH 101	GTS 540PEH 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	State Industries	GTS 540PIH 101	GTS 540PIH 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	State Solar	No name found	SS X 01ACE501 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	39.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 01ACI401 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	31.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 01ACI441 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	31.9	2	1.8	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 01ACI501 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	1.9	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 01ACI501 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	2.2	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 01ACI541 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	1.8	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 01ACI541 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	39.9	2	2.1	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE202 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	50.9	2	2.1	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE202 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	50.9	2	2.2	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE402 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.8	2	2.8	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE402 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.8	2	3	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE442 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.7	2	2.6	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE442 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	63.7	2	2.8	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE502 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.8	2	4.3	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE502 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.8	2	4.9	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE542 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.9	2	3.8	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACE542 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	79.9	2	4.4	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI202 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	50.9	2	2.3	-30	120	Tank	0	

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
					6	6	4/29/2010	4/29/2010	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113503_10042012155739_6554768
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113504_10042012155739_6260721
					6	6	1/23/2009	1/23/2009	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113438_10042012155739_7705234
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113439_10042012155739_2502674
					6	6	1/26/2009	1/26/2009	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113517_10042012155739_3847187
					6	6	1/26/2009	1/26/2009	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113459_10042012155739_7006067
					6	6	1/26/2009	1/26/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	4/28/2009	4/28/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	1/15/2009	1/15/2009	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12				5	9/17/2010	9/17/2010	United States	
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526898_10042012155742_2337049
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526891_10042012155742_2801162
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526902_10042012155742_3899242
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5526894_10042012155742_5324122
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527481_10042012155743_1886574
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5528410_10042012155742_9180734
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527480_10042012155743_6347298
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527479_10042012155743_5706818
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527497_10042012155743_4562604
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527490_10042012155743_8073044
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527499_10042012155743_3648277
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_5527504_10042012155743_2354197
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACE501 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACI401 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACI441 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACI501 - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACI501 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACI541 - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 01ACI541 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE202 - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE202 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE40Z - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE402 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE44Z - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE442 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE50Z - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE502 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE54Z - 120_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACE542 - 80_10012012131901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI202 - 120_10012012131901_3902893

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI202 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	50.9	2	3	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI402 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.8	2	3.3	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI402 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.8	2	5.3	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI442 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.7	2	3	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI442 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	63.7	2	4.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI502 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.8	2	5.6	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI502 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI542 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.9	2	5.4	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 02ACI542 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	79.9	2	11.2	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE203 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	76.4	2	3.5	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE203 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	76.4	2	4.3	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE403 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.7	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE403 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.7	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE443 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.6	2	6.7	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE443 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	95.6	2	6.7	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE503 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.7	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE503 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.7	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE543 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.8	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACE543 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	119.8	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI203 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	76.4	2	4.9	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI203 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	76.4	2	10.1	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI403 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI403 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI443 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.6	2	12.1	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI443 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	95.6	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI503 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI503 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI543 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.8	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 03ACI543 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	119.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE204 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	101.8	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE204 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	101.8	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE404 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.6	2	7.5	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE404 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.6	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE444 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.4	2	7.4	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE444 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	127.4	2	7.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE504 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.6	2	8	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE504 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.6	2	8.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE544 - 120		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.7	2	8	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACE544 - 80		Solar with Gas Backup																					Direct Forced Circulation	Flat Plate	159.7	2	8.5	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI204 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	101.8	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI204 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	101.8	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI404 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.6	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI404 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.6	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI444 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.4	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI444 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	127.4	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI504 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.6	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI504 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.6	2	20.8	-30	80	Tank	0	

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI202 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI402 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI402 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI442 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI442 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI502 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI502 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI542 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 02ACI542 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE203 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE203 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE403 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE403 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE443 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE443 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE503 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE503 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE543 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACE543 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI203 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI203 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI403 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI403 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI443 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI443 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI503 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI503 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI543 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 03ACI543 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE204 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE204 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE404 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE404 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE444 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE444 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE504 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE504 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE544 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACE544 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI204 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI204 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI404 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI404 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI444 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI444 - 80_100120121319 01_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI504 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI504 - 80_100120121319 01_3902893

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI544 - 120		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.7	2	20	-30	120	Tank	0	
A.O. Smith Corporation	State Solar	No name found	SS X 04ACI544 - 80		Solar with Gas Backup																					Indirect Forced Circulation	Flat Plate	159.7	2	20	-30	80	Tank	0	
A.O. Smith Corporation	State Water Heaters	GTS 110UE 100	GTS 110UE 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	State Water Heaters	GTS 110UI 100	GTS 110UI 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	State Water Heaters	GT 310UE 100	GTS 310UE 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	State Water Heaters	GTS 310UI 100	GTS 310UI 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	State Water Heaters	GTU 320NEH 100	GTS 320NEH 100		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	State Water Heaters	GTUS20PEH 101	GTS 320NIH 100		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	State Water Heaters	GTU 320PEH 101	GTS 320PEH 101		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	State Water Heaters	T-H2S-DV-N	GTS 320PIH 101		Gas Tankless	Natural Gas											180,000			0.91				4.4											
A.O. Smith Corporation	State Water Heaters	GTS 510UE 100	GTS 510UE 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	State Water Heaters	GTS 510UI 100	GTS 510UI 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	Takagi		T-D2-IN-N		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	Takagi		T-D2-IN-P		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	Takagi		T-D2-OS-N		Gas Tankless	Natural Gas											199,000			0.82	157	0		4.25	82%										
A.O. Smith Corporation	Takagi		T-D2-OS-P		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	Takagi	T-D2U-IN-N	T-D2U-IN-N		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	Takagi	T-D2U-OS-N	T-D2U-OS-N		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	Takagi	GTS 320PIH 101	T-H2S-DV-N		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	Takagi	ATO 320H 100	T-H2S-DV-P		Gas Tankless	Natural Gas											180,000			0.91				4.4											
A.O. Smith Corporation	Takagi	GT 320NEH 100	T-H2S-OS-N		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	Takagi	TS 320GEH 100	T-H2S-OS-P		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	Takagi	T-H3-DV-N	T-H3-DV-N		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	Takagi	T-H3-DV-P	T-H3-DV-P		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	Takagi	T-H3J-DV-N	T-H3J-DV-N		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	Takagi	T-H3J-DV-P	T-H3J-DV-P		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	Takagi	T-H3J-OS-N	T-H3J-OS-N		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	Takagi	T-H3J-OS-P	T-H3J-OS-P		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	Takagi	T-H3-OS-N	T-H3-OS-N		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	Takagi	T-H3-OS-P	T-H3-OS-P		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	Takagi	T-H3S-DV-N	T-H3S-DV-N		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	Takagi	T-H3S-DV-P	T-H3S-DV-P		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	Takagi	T-H3S-OS-N	T-H3S-OS-N		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	Takagi	T-H3S-OS-P	T-H3S-OS-P		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	Takagi		T-K4-IN-N		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	Takagi		T-K4-IN-P		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	Takagi		T-K4-OS-N		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										
A.O. Smith Corporation	Takagi		T-K4-OS-P		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	Takagi	T-K4U-IN-N	T-K4U-IN-N		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	Takagi	T-K4U-OS-N	T-K4U-OS-N		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	Takagi		T-KJr2-IN-N		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	83%										
A.O. Smith Corporation	Takagi		T-KJr2-IN-P		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	Takagi		T-KJr2-OS-N		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	Takagi		T-KJr2-OS-P		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	Takagi	T-KJr2U-IN-N	T-KJr2U-IN-N		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	Takagi	T-KJr2U-OS-N	T-KJr2U-OS-N		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	U. S. Craftmaster	GTU 240NEH 100	GTU 240NEH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 240NIH 100	GTU 240NIH 100		Gas Tankless	Natural Gas											160,000			0.95				4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 240PEH 101	GTU 240PEH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 240PIH 101	GTU 240PIH 101		Gas Tankless	Propane											160,000			0.95				4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 340NEH 100	GTU 340NEH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 340NIH 100	GTU 340NIH 100		Gas Tankless	Natural Gas											180,000			0.95				4.4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 340PEH 101	GTU 340PEH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 340PIH 101	GTU 340PIH 101		Gas Tankless	Propane											180,000			0.95				4.4											
A.O. Smith Corporation	U. S. Craftmaster	GTU 540NEH 100	GTU 540NEH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	U. S. Craftmaster	GTU 540NIH 100	GTU 540NIH 100		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	U. S. Craftmaster	GTU 540PEH 101	GTU 540PEH 101		Gas Tankless	Propane											199,000			0.95				4.9											
A.O. Smith Corporation	U. S. Craftmaster	TS 240GEH 100	GTU 540PIH 101		Gas Tankless	Natural Gas											199,000			0.95				4.9											
A.O. Smith Corporation	U.S. Craftmaster	HE Flue Damper	FDG2F4040S3N		Gas Storage	Natural Gas		40	49	55	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	U.S. Craftmaster	HE Flue Damper	FDG2F4040S3P		Gas Storage	Propane		40	49	55	22	3	4				36,000			0.67			67												
A.O. Smith Corporation	U.S. Craftmaster	HE Flue Damper	FDG2H4040S3N		Gas Storage	Natural Gas		40	49	55	22	3	4				40,000			0.67			67												
A.O. Smith Corporation	U.S. Craftmaster	HE Flue Damper	FDG2H4040S3P		Gas Storage	Propane		40	49	55	22	3	4				36,000			0.67			67												
A.O. Smith Corporation	US Craftmaster	GTU 110UE 100	GTU 110UE 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	US Craftmaster	GTU 110UI 100	GTU 110UI 100		Gas Tankless	Natural Gas											140,000			0.82				3											
A.O. Smith Corporation	US Craftmaster	GTU 310UE 100	GTU 310UE 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI544 - 120_10012012131 901_3902893
			10	2	6	1	1/7/2011	5/6/2011	United States	ES_92897_SS X 04ACI544 - 80_10012012131901_3902893
		12					7/1/2012	10/4/2012	United States	ES_92897_544685 6_10042012155741_7222725
		12					7/1/2012	10/4/2012	United States	ES_92897_544116 1_10042012155741_9752198
		12					7/1/2012	10/4/2012	United States	ES_92897_544766 5_10042012155742_7199995
		12					7/1/2012	10/4/2012	United States	ES_92897_544766 1_10042012155742_5147755
		12					8/1/2011	10/4/2012	United States	ES_92897_469072 5_10042012155742_2566108
		12					8/1/2011	10/4/2012	United States	ES_92897_467561 8_10042012155742_2252428
		12					8/1/2011	10/4/2012	United States	ES_92897_469073 1_10042012155742_8259021
		12					8/1/2011	10/4/2012	United States	ES_92897_469032 6_10042012155742_1422461
		12					7/1/2012	10/4/2012	United States	ES_92897_544767 4_10042012155743_9197058
		12					7/1/2012	10/4/2012	United States	ES_92897_544766 9_10042012155743_7269011
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/4/2012	United States	ES_92897_544078 5_10042012160225_6794606
		12					7/1/2012	10/4/2012	United States	ES_92897_544079 1_10042012160225_5193359
		12					8/1/2011	10/5/2012	United States	ES_92897_469072 0_10052012140654_3767826
		12					8/1/2011	10/9/2012	United States	ES_92897_469072 2_10052012140717_7317336
		12					8/1/2011	10/9/2012	United States	ES_92897_469072 3_10052012140717_5918696
		12					8/1/2011	10/9/2012	United States	ES_92897_469072 4_10052012140718_3738860
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 7_10052012140718_9294460
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 8_10052012140718_3235693
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552675 9_10052012140718_0098493
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 0_10052012140718_5124686
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 1_10052012140718_3726046
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 2_10052012140718_6582319
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 9_10052012140718_6922239
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552677 0_10052012140718_5320992
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 3_10052012140718_3922352
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 4_10052012140718_8190385
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 5_10052012140719_6644516
		12					8/1/2012	10/9/2012	United States, Canada	ES_92897_552676 6_10052012140719_5814549
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/9/2012	United States	ES_92897_544078 3_10052012140719_0409382
		12					7/1/2012	10/9/2012	United States	ES_92897_544079 0_10052012140719_6845382
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12				5	10/19/2010	10/19/2010	United States	
		12					7/1/2012	10/9/2012	United States	ES_92897_544078 1_10052012140719_4363735
		12					7/1/2012	10/9/2012	United States	ES_92897_544079 2_10052012140719_7853975
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552750 5_10042012155743_3949143
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552750 6_10042012155743_3635463
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552750 7_10042012155744_4501387
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552750 8_10042012155744_2880507
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552750 9_10042012155744_9318766
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552751 0_10042012155744_3586799
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552751 1_10042012155744_7403839
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552751 2_10042012155745_5550803
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552751 3_10042012160216_0859217
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552751 4_10042012160216_2303730
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552751 5_10042012160216_2970450
		12					8/1/2012	10/4/2012	United States, Canada	ES_92897_552845 9_10042012160216_6807123
							5/8/2011	10/4/2012	United States	ES_92897_494671 6_10042012155736_8387146
							5/8/2011	10/4/2012	United States	ES_92897_494671 7_10042012155736_2328379
							5/8/2011	10/4/2012	United States	ES_92897_494671 9_10042012155737_5004976
							5/8/2011	10/4/2012	United States	ES_92897_494671 8_10042012155737_8946209
		12					7/1/2012	10/4/2012	United States	ES_92897_544685 9_10042012155743_6949030
		12					7/1/2012	10/4/2012	United States	ES_92897_544685 4_10042012155743_6269350
		12					7/1/2012	10/4/2012	United States	ES_92897_544767 7_10042012155744_3651787

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
A.O. Smith Corporation	US Craftmaster	GTU 310UI 100	GTU 310UI 100		Gas Tankless	Natural Gas											190,000			0.82				4.1											
A.O. Smith Corporation	US Craftmaster	T-H2S-DV-P	GTU 320NEH 100		Gas Tankless	Propane											180,000			0.91				4.3											
A.O. Smith Corporation	US Craftmaster	ATI 320H 100	GTU 320NIH 100		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	US Craftmaster	GTS 320NIH 100	GTU 320PEH 101		Gas Tankless	Natural Gas											180,000			0.91				4.3											
A.O. Smith Corporation	US Craftmaster	GT 320NIH 100	GTU 320PIH 101		Gas Tankless	Natural Gas											180,000			0.91				4.4											
A.O. Smith Corporation	US Craftmaster	GTU 510UE 100	GTU 510UE 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	US Craftmaster	GTU 510UI 100	GTU 510UI 100		Gas Tankless	Natural Gas											199,000			0.82				4.2											
A.O. Smith Corporation	US Craftmaster	TS 320GIH 100	GTU520NEH 100		Gas Tankless	Natural Gas											199,000			0.91				4.7											
A.O. Smith Corporation	US Craftmaster	ATI 320H 101	GTU520NIH 100		Gas Tankless	Propane											199,000			0.91				4.7											
A.O. Smith Corporation	US Craftmaster	GT 320PIH 101	GTU520PEH 101		Gas Tankless	Propane											199,000			0.91				4.7											
A.O. Smith Corporation	US Craftmaster	TS 320LIH 101	GTU520PIH 101		Gas Tankless	Propane											199,000			0.91				4.7											
A.O. Smith Corporation	USCraftmaster		GTU110NE 100		Gas Tankless	Natural Gas											140,000			0.82	183	0		3	83%										
A.O. Smith Corporation	USCraftmaster		GTU110NI 100		Gas Tankless	Natural Gas											140,000			0.82	184	0		2.87	83%										
A.O. Smith Corporation	USCraftmaster		GTU110PE 101		Gas Tankless	Propane											140,000			0.82	0	200		2.99	83%										
A.O. Smith Corporation	USCraftmaster		GTU110PI 101		Gas Tankless	Propane											140,000			0.83	0	197		3.06	84%										
A.O. Smith Corporation	USCraftmaster		GTU310NE 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.03	83%										
A.O. Smith Corporation	USCraftmaster		GTU310NI 100		Gas Tankless	Natural Gas											190,000			0.82	184	0		4.07	82%										
A.O. Smith Corporation	USCraftmaster		GTU310PE 101		Gas Tankless	Propane											190,000			0.83	0	197		4.15	84%										
A.O. Smith Corporation	USCraftmaster		GTU310PI 101		Gas Tankless	Propane											190,000			0.82	0	200		4.16	83%										
A.O. Smith Corporation	USCraftmaster		GTU510NE 100		Gas Tankless	Natural Gas											199,000			0.82	184	0		4.25	82%										
A.O. Smith Corporation	USCraftmaster		GTU510NI 100		Gas Tankless	Natural Gas											199,000			0.83	181	0		4.24	83%										
A.O. Smith Corporation	USCraftmaster		GTU510PE 101		Gas Tankless	Propane											199,000			0.82	0	200		4.25	82%										
A.O. Smith Corporation	USCraftmaster		GTU510PI 101		Gas Tankless	Propane											199,000			0.82	0	200		4.27	83%										
A.O. Smith Corporation	USCraftmaster		HPE2K60HD045V		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
A.O. Smith Corporation	USCraftmaster		HPE2K80HD045V (USC)		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
A.O. Smith Corporation	USCraftmaster		PCG2J4040T3NOV 100		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										
A.O. Smith Corporation	USCraftmaster		PCG2J5040T3NOV 100		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
A.O. Smith Corporation	Whirlpool		HPE2K60HD045V		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
A.O. Smith Corporation	Whirlpool		HPE2K80HD045V (WP)		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
A.O. Smith Corporation	Whirlpool	HE Flue Damper	ND40T62-403		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
A.O. Smith Corporation	Whirlpool	HE Flue Damper	ND50T122-403		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
A.O. Smith Corporation	Whirlpool		PCG2J4040T3NOV 100		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										
A.O. Smith Corporation	Whirlpool		PCG2J5040T3NOV 100		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
Bosch Thermotechnology Corporation	Bosch	Compress	HP 200-1 E AI-F		Heat Pump	Electric		50	64.5		22.5			4.5	240	1996				2.2			58												
Bosch Thermotechnology Corporation	Bosch AquaStar		2400ES LP		Gas Tankless	Propane											175,000			0.82		200		3.8	82%										
Bosch Thermotechnology Corporation	Bosch AquaStar		2400ES NG		Gas Tankless	Natural Gas											175,000			0.82	183			3.8	82%										
Bosch Thermotechnology Corporation	Bosch AquaStar		2700ES LP		Gas Tankless	Propane											199,000			0.82		191		4.2	82%										
Bosch Thermotechnology Corporation	Bosch AquaStar		2700ES NG		Gas Tankless	Natural Gas											199,000			0.82	182			4.2	82%										
Bosch Thermotechnology Corporation	Bosch Therm		660 EF LP		Gas Tankless	Propane											140,000			0.82		200		3.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		660 EF NG		Gas Tankless	Natural Gas											140,000			0.82	183			3.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		660 EFO LP		Gas Tankless	Propane											140,000			0.82		200		3.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		660 EFO NG		Gas Tankless	Natural Gas											140,000			0.82	183			3.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		830 ES LP		Gas Tankless	Propane											175,000			0.82		200		3.8	82%										
Bosch Thermotechnology Corporation	Bosch Therm		830 ES NG		Gas Tankless	Natural Gas											175,000			0.82	183			3.8	82%										
Bosch Thermotechnology Corporation	Bosch Therm		940 ES LP		Gas Tankless	Propane											199,000			0.83		198		4.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		940 ES NG		Gas Tankless	Natural Gas											199,000			0.83	180			4.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		940 ESO LP		Gas Tankless	Propane											199,000			0.83		198		4.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm		940 ESO NG		Gas Tankless	Natural Gas											199,000			0.83	180			4.1	83%										
Bosch Thermotechnology Corporation	Bosch Therm	Therm	C 1050 ES		Gas Tankless	Propane, Natural Gas						3					199,000			0.94	163		286	4.8											
Bosch Thermotechnology Corporation	Bosch Therm		C 1050 ES LP		Gas Tankless	Propane											199,000			0.91		180		4.6	92%										
Bosch Thermotechnology Corporation	Bosch Therm		C 1050 ES NG		Gas Tankless	Natural Gas											199,000			0.91	165			4.6	92%										
Bosch Thermotechnology Corporation	Bosch Therm	Therm	C 950 ES		Gas Tankless	Propane, Natural Gas						3					175,000			0.92	163		248	4.1											
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Bosch FKC (2) OEM Electric S1		Solar with Electric Backup											2309									Indirect Forced Circulation	Flat Plate	51.9	0.53	1.9	-35	80	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Bosch FKC(3)OEM Electric S3		Solar with Electric Backup											2089									Indirect Forced Circulation	Flat Plate	77.9	0.57	2.1	-35	120	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Bosch FKT(2)OEM Electric S11		Solar with Electric Backup											2194									Indirect Forced Circulation	Flat Plate	51.9	0.55	2	-35	80	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Bosch FKT(3)OEM Electric S12		Solar with Electric Backup											3265									Indirect Forced Circulation	Flat Plate	77.9	0.75	2.2	-35	120	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Buderus Logasol S10		Solar with Electric Backup											2089									Indirect Forced Circulation	Flat Plate	77.9	0.57	2.1	-35	80	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Buderus Logasol S17		Solar with Electric Backup											2194									Indirect Forced Circulation	Flat Plate	51.9	0.55	2	-35	80	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Buderus Logasol S18		Solar with Electric Backup											3314									Indirect Forced Circulation	Flat Plate	77.9	0.76	2.3	-35	120	Tank	0	4.5
Bosch Thermotechnology Corporation	Bosch Thermotechnology Corporation		Buderus Logasol S9		Solar with Electric Backup											2309									Indirect Forced Circulation	Flat Plate	51.9	0.53	1.9	-35	80	Tank	0	4.5
Bradford White Corporation	Bradford White Corporation		D4403S*FBN		Gas Storage	Natural Gas	Atmospheric Vent	40	48	55.8	22	3					38,000			0.67	224		72		78%										
Bradford White Corporation	Bradford White Corporation		D4403S*FSX		Gas Storage	Propane	Atmospheric Vent	40	48	55.8	22	3					38,000			0.67		245	72		78%										
Bradford White Corporation	Bradford White Corporation		D4504S*FBN		Gas Storage	Natural Gas	Atmospheric Vent	50	57	64.5	22	3					40,000			0.67	224		86		78%										
Bradford White Corporation	Bradford White Corporation		D4504S*FSX		Gas Storage	Propane	Atmospheric Vent	50	57	64.5	22	3					40,000			0.67		245	86		78%										
Bradford White Corporation	Bradford White Corporation		M4TW40T6FBN		Gas Storage	Natural Gas	Power Vent	40	57	67	20	2	3				40,000			0.67	224		72		78%										
Bradford White Corporation	Bradford White Corporation		M4TW40T6FSX		Gas Storage	Propane	Power Vent	40	57	67	20	2	3				38,000			0.67		245	72		78%										
Bradford White Corporation	Bradford White Corporation		M4TW50T6FBN		Gas Storage	Natural Gas	Power Vent	50	57	67	22	2	3				40,000			0.67	224		86		78%										
Bradford White Corporation	Bradford White Corporation		M4TW50T6FSX		Gas Storage	Propane	Power Vent	50	57	67	22	2	3				38,000			0.67		245	86		78%										
Bradford White Corporation	Bradford White Corporation		M4TW60T6FBN		Gas Storage	Natural Gas	Power Vent	60	57.5	68	24	2	3				40,000			0.67	224		98		78%										
Bradford White Corporation	Bradford White Corporation		M4TW60T6FSX		Gas Storage	Propane	Power Vent	60	57.5	68	24	2	3				38,000			0.67		245	98		78%										
Bradford White Corporation	Bradford White Corporation		M4XRTW50T*FBN		Gas Storage	Natural Gas	Power Vent	48	56.5	66	22	3	4				65,000			0.67	224		108		78%										
Bradford White Corporation	Bradford White Corporation		M4XRTW50T*FSX		Gas Storage	Propane	Power Vent	48	56.5	66	22	3	4				58,000			0.67		245	108		78%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
										ES_92897_5447676_10042012155744_7919820
		12					7/1/2012	10/4/2012	United States	
										ES_92897_4690327_10042012155744_3148620
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690330_10042012155744_9808813
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690331_10042012155744_8514733
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690332_10042012155744_8978846
		12					7/1/2012	10/4/2012	United States	
										ES_92897_5447679_10042012155745_9367843
		12					7/1/2012	10/4/2012	United States	
										ES_92897_5447678_10042012160216_9107537
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690716_10042012160216_7147043
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690717_10042012160216_4134036
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690718_10042012160216_2081796
		12					8/1/2011	10/4/2012	United States	
										ES_92897_4690719_10042012160216_4284469
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
		12				5	10/20/2010	10/20/2010	United States	
					10	10	8/10/2010	8/10/2010	United States	
					10	10	3/25/2010	3/5/2010	United States	
					12	12	4/29/2010	4/29/2010	United States	
					12	12	4/29/2010	4/29/2010	United States	
					10	10	8/10/2010	8/10/2010	United States	
					10	10	3/25/2010	3/5/2010	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113915_10042012160216_5846662
							1/24/2011	10/4/2012	United States, Canada	ES_92897_2113917_10042012160216_7261593
					12	12	4/29/2010	4/29/2010	United States	
					12	12	4/29/2010	4/29/2010	United States	
							6/1/2011	10/4/2012	United States, Canada	ES_16809_4611590_10042012160216_5402182
		15				5	12/15/2008	12/15/2008	United States	
		15				5	12/15/2008	12/15/2008	United States	
		12				5	12/15/2008	12/15/2008	United States	
		15				5	9/13/2010	9/13/2010	United States	
		15				5	9/13/2010	9/13/2010	United States	
		15				5	9/13/2010	9/13/2010	United States	
		15				5	9/13/2010	9/13/2010	United States	
		15				5	12/15/2008	12/15/2008	United States	
		15				5	12/15/2008	12/15/2008	United States	
		15				5	12/15/2008	12/15/2008	United States	
		15				5	12/15/2008	12/15/2008	United States	
		15				5	7/26/2010	7/26/2010	United States	
		15				5	7/26/2010	7/26/2010	United States	
		15					6/23/2011	10/4/2012	United States, Canada	ES_16809_2110697_10042012155110_6833770
		15				5	12/15/2008	12/15/2008	United States	
		15				5	12/15/2008	12/15/2008	United States	
		15					6/23/2011	10/4/2012	United States, Canada	ES_16809_4650953_10042012155110_9363243
			10	2	6	1		8/9/2010	United States	
			10	2	6	1		8/9/2010	United States	
			10	2	6	1		8/9/2010	United States	
			10	2	6	1		8/10/2010	United States	
			10	2	6	1		8/9/2010	United States	
			10	2	6	1		8/9/2010	United States	
			10	2	6	1		8/10/2010	United States	
			10	2	6	1		8/9/2010	United States	
					6	6	12/9/2009	12/9/2009	United States	
					6	6	12/9/2009	12/9/2009	United States	
					6	6	12/9/2009	12/9/2009	United States	
					6	6	12/9/2009	12/9/2009	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	12/20/2010	12/20/2010	United States	
					6	6	12/20/2010	12/20/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Bradford White Corporation	Bradford White Corporation		M4XRTW65T*FBN		Gas Storage	Natural Gas	Power Vent	65	59.5	69	24	3	4				67,000			0.67	224		120		78%										
Bradford White Corporation	Bradford White Corporation		M4XRTW65T*FSX		Gas Storage	Propane	Power Vent	65	59.5	69	24	3	4				60,000			0.67		245	120		78%										
Bradford White Corporation	Bradford White Corporation		TG-150E-N		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	83%										
Bradford White Corporation	Bradford White Corporation		TG-150E-X		Gas Tankless	Propane											150,000			0.82		200		3.3	83%										
Bradford White Corporation	Bradford White Corporation		TG-150I-N		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	84%										
Bradford White Corporation	Bradford White Corporation		TG-150I-X		Gas Tankless	Propane											150,000			0.82		200		3.3	84%										
Bradford White Corporation	Bradford White Corporation		TG-180E-N		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	83%										
Bradford White Corporation	Bradford White Corporation		TG-180E-X		Gas Tankless	Propane											180,000			0.82		200		3.9	83%										
Bradford White Corporation	Bradford White Corporation		TG-180I-N		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
Bradford White Corporation	Bradford White Corporation		TG-180I-X		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
Bradford White Corporation	Bradford White Corporation		TG-199E-N		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
Bradford White Corporation	Bradford White Corporation		TG-199E-X		Gas Tankless	Propane											199,000			0.82		200		4.3	83%										
Bradford White Corporation	Bradford White Corporation		TG-199I-N		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Bradford White Corporation	Bradford White Corporation		TG-199I-X		Gas Tankless	Propane											190,000			0.82		200		4.3	84%										
Bradford White Corporation	Bradford White Corporation		TGHE-160E-N		Gas Tankless	Natural Gas											157,000			0.96	156			3.8	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-160E-X		Gas Tankless	Propane											157,000			0.96		171		3.8	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-160I-N		Gas Tankless	Natural Gas											157,000			0.96	156			3.8	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-160I-X		Gas Tankless	Propane											157,000			0.96		171		3.8	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-199E-N		Gas Tankless	Natural Gas											199,000			0.93	161			4.9	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-199E-X		Gas Tankless	Propane											199,000			0.93		176		4.9	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-199I-N		Gas Tankless	Natural Gas											199,000			0.94	159			4.9	1%										
Bradford White Corporation	Bradford White Corporation		TGHE-199I-X		Gas Tankless	Propane											199,000			0.94		175		4.9	1%										
Bradford White Corporation	Bradford White Corporation		U4TW40T6FRN		Gas Storage	Natural Gas	Power Vent	40	57	67	20	2	3				40,000			0.67	224		72		78%										
Bradford White Corporation	Bradford White Corporation		U4TW50T6FRN		Gas Storage	Natural Gas	Power Vent	50	57	67	22	2	3				40,000			0.67	224		86		78%										
Bradford White Corporation	Bradford White Corporation		U4TW60T6FRN		Gas Storage	Natural Gas	Power Vent	60	57.5	68	24	2	3				40,000			0.67	224		98		78%										
Bradford White Corporation	Bradford White Corporation		U4XRTW50T*FRN		Gas Storage	Natural Gas	Power Vent	48	56.5	66	22	3	4				56,000			0.67	224		99		78%										
Bradford White Corporation	Bradford White Corporation		U4XRTW65T*FRN		Gas Storage	Natural Gas	Power Vent	65	59.5	69	24	3	4				56,000			0.67	224		110		78%										
Bradford White Corporation	Bradford White, Jetglas	40 gallon Power Direct Vent	PDX440S**FBN		Gas Storage	Natural Gas		40	50	60	22	3	2				40,000			0.67	224		70												
Bradford White Corporation	Bradford White, Jetglas	40 gallon Power Direct Vent	PDX440S**FSX		Gas Storage	Propane		40	50	60	22	3	2				40,000			0.67			70												
Bradford White Corporation	Bradford White, Jetglas	50 gallon Power Direct Vent	PDX450S**FBN		Gas Storage	Natural Gas		40	51	61	24	3	2				50,000			0.67	224		85												
Bradford White Corporation	Bradford White, Jetglas	50 gallon Power Direct Vent	PDX450S**FSX		Gas Storage	Propane		40	51	61	24	3	2				50,000			0.67			85												
Caleffi Solar	Caleffi Solar		NAS30020-1E		Solar with Electric Backup											2089									Indirect Forced Circulation	Flat Plate	50.7	0.57	2.1	-59	50	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30020-1G		Solar with Gas Backup	Natural Gas															125					Indirect Forced Circulation	Flat Plate	50.7	0.5	1.2	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-1N		Solar with Gas Backup	Natural Gas															100					Indirect Forced Circulation	Flat Plate	50.7	0.6	1.5	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-1P10E		Solar with Electric Backup											1219									Indirect Forced Circulation	Flat Plate	79.6	0.75	3.6	-59	50	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30020-1P10G		Solar with Gas Backup	Natural Gas															83					Indirect Forced Circulation	Flat Plate	79.6	0.67	1.8	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-1P10N		Solar with Gas Backup	Natural Gas															62					Indirect Forced Circulation	Flat Plate	79.6	0.75	2.4	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-1P10S		Solar with Electric Backup											877									Indirect Forced Circulation	Flat Plate	79.6	0.82	5	-59	50	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30020-1P8E		Solar with Electric Backup											1687									Indirect Forced Circulation	Flat Plate	63.8	0.65	2.6	-59	50	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30020-1P8G		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	63.8	0.57	1.4	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-1P8N		Solar with Gas Backup	Natural Gas															83					Indirect Forced Circulation	Flat Plate	63.8	0.67	1.8	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-1P8S		Solar with Electric Backup											1371									Indirect Forced Circulation	Flat Plate	63.8	0.72	3.2	-59	50	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30020-1S		Solar with Electric Backup											1828									Indirect Forced Circulation	Flat Plate	50.7	0.63	2.4	-59	50	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30020-P10N		Solar with Gas Backup	Natural Gas															115					Indirect Forced Circulation	Flat Plate	39.8	0.54	1.3	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30020-P10S		Solar with Electric Backup											2437									Indirect Forced Circulation	Flat Plate	39.8	0.5	1.8	-59	50	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30020-P8N		Solar with Gas Backup	Natural Gas															125					Indirect Forced Circulation	Flat Plate	31.9	0.5	1.2	-59	50	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1E		Solar with Electric Backup											1415									Indirect Forced Circulation	Flat Plate	76	0.71	3.1	-59	80	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30040-1G		Solar with Gas Backup	Natural Gas															94					Indirect Forced Circulation	Flat Plate	76	0.63	1.6	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1N		Solar with Gas Backup	Natural Gas															68					Indirect Forced Circulation	Flat Plate	76	0.73	2.2	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1P10E		Solar with Electric Backup											392									Indirect Forced Circulation	Flat Plate	119.4	0.92	11.2	-59	80	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30040-1P10G		Solar with Gas Backup	Natural Gas															50					Indirect Forced Circulation	Flat Plate	119.4	0.8	3	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1P10N		Solar with Gas Backup	Natural Gas															25					Indirect Forced Circulation	Flat Plate	119.4	0.9	6.1	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1P10S		Solar with Electric Backup											227									Indirect Forced Circulation	Flat Plate	119.4	0.95	19.3	-59	80	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30040-1P8E		Solar with Electric Backup											895									Indirect Forced Circulation	Flat Plate	95.7	0.82	4.9	-59	80	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30040-1P8G		Solar with Gas Backup	Natural Gas															68					Indirect Forced Circulation	Flat Plate	95.7	0.73	2.2	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1P8N		Solar with Gas Backup	Natural Gas															47					Indirect Forced Circulation	Flat Plate	95.7	0.81	3.2	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-1P8S		Solar with Electric Backup											298									Indirect Forced Circulation	Flat Plate	95.7	0.94	14.7	-59	80	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30040-1S		Solar with Electric Backup											877									Indirect Forced Circulation	Flat Plate	76	0.82	5	-59	80	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30040-E		Solar with Electric Backup											2089									Indirect Forced Circulation	Flat Plate	50.7	0.57	2.1	-59	80	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30040-G		Solar with Gas Backup	Natural Gas															125					Indirect Forced Circulation	Flat Plate	50.7	0.5	1.2	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-N		Solar with Gas Backup	Natural Gas															100					Indirect Forced Circulation	Flat Plate	50.7	0.6	1.5	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-P10E		Solar with Electric Backup											1290									Indirect Forced Circulation	Flat Plate	79.6	0.74	3.4	-59	80	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30040-P10G		Solar with Gas Backup	Natural Gas															88					Indirect Forced Circulation	Flat Plate	79.6	0.65	1.7	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-P10N		Solar with Gas Backup	Natural Gas															62					Indirect Forced Circulation	Flat Plate	79.6	0.75	2.4	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-P10S		Solar with Electric Backup											828									Indirect Forced Circulation	Flat Plate	79.6	0.83	5.3	-59	80	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30040-P8E		Solar with Electric Backup											1687									Indirect Forced Circulation	Flat Plate	63.8	0.65	2.6	-59	80	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30040-P8G		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	63.8	0.57	1.4	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-P8N		Solar with Gas Backup	Natural Gas															83					Indirect Forced Circulation	Flat Plate	63.8	0.67	1.8	-59	80	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30040-P8S		Solar with Electric Backup											1290									Indirect Forced Circulation	Flat Plate	63.8	0.74	3.4	-59	80	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30040-S		Solar with Electric Backup											1828									Indirect Forced Circulation	Flat Plate	50.7	0.63	2.4	-59	80	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30042-1D		Solar with Gas Backup	Natural Gas															30					Indirect Forced Circulation	Flat Plate	76	0.88	5	-59	80	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30042-1P10D		Solar with Gas Backup	Natural Gas															8					Indirect Forced Circulation	Flat Plate	119.4	0.97	18	-59	80	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30042-1P8D		Solar with Gas Backup	Natural Gas															11					Indirect Forced Circulation	Flat Plate	95.7	0.96	13.9	-59	80	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30042-D		Solar with Gas Backup	Natural Gas															68					Indirect Forced Circulation	Flat Plate	50.7	0.73	2.2	-59	80	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30042-P10D		Solar with Gas Backup	Natural Gas															29					Indirect Forced Circulation	Flat Plate	79.6	0.88	5.2	-59	80	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30042-P8D		Solar with Gas Backup	Natural Gas															50					Indirect Forced Circulation	Flat Plate	63.8	0.8	3	-59	80	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30060-1E		Solar with Electric Backup											954									Indirect Forced Circulation	Flat Plate	101.4	0.8	4.6	-59	119	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30060-1G		Solar with Gas Backup	Natural Gas															75					Indirect Forced Circulation	Flat Plate	101.4	0.7	2	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-1N		Solar with Gas Backup	Natural Gas															50					Indirect Forced Circulation	Flat Plate	101.4	0.8	3	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-1P10E		Solar with Electric Backup											227									Indirect Forced Circulation	Flat Plate	159.1	0.95	19.3	-59	119	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30060-1P10G		Solar with Gas Backup	Natural Gas															44					Indirect Forced Circulation	Flat Plate	159.1	0.82	3.4	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-1P10N		Solar with Gas Backup	Natural Gas															16					Indirect Forced Circulation	Flat Plate	159.1	0.93	9.1	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-1P10S		Solar with Electric Backup											227									Indirect Forced Circulation	Flat Plate	159.1	0.95	19.3	-59	119	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30060-1P8E		Solar with Electric Backup											472									Indirect Forced Circulation	Flat Plate	127.6	0.9	9.3	-59	119	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30060-1P8G		Solar with Gas Backup	Natural Gas															52					Indirect Forced Circulation	Flat Plate	127.6	0.79	2.9	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-1P8N		Solar with Gas Backup	Natural Gas															25					Indirect Forced Circulation	Flat Plate	127.6	0.9	6.1	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-1P8S		Solar with Electric Backup											227									Indirect Forced Circulation	Flat Plate	127.6	0.95	19.3	-59	119	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30060-1S		Solar with Electric Backup											399									Indirect Forced Circulation	Flat Plate	101.4	0.92	11	-59	119	Tank	0	4.5

ty y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
					6	6	12/20/2010	12/20/2010	United States	
					6	6	12/20/2010	12/20/2010	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5	6/10/2009	6/10/2009	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
		12				5		3/8/2012	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	9/13/2010	9/13/2010	United States	
					6	6	12/20/2010	12/20/2010	United States	
					6	6	12/20/2010	12/20/2010	United States	
							4/1/2012	10/4/2012	United States, Canada	ES_92896_5220662_10042012160217_2242252
							4/1/2012	10/4/2012	United States, Canada	ES_92896_5220669_10042012160217_5732492
							4/1/2012	10/4/2012	United States, Canada	ES_92896_5220665_10042012160217_4131245
							4/1/2012	10/4/2012	United States, Canada	ES_92896_5220668_10042012160217_8052845
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/25/2010	10/25/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/25/2010	10/25/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/25/2010	10/25/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Caleffi Solar	Caleffi Solar		NAS30060-E		Solar with Electric Backup											1567										Indirect Forced Circulation	Flat Plate	76	0.68	2.8	-59	119	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30060-G		Solar with Gas Backup	Natural Gas															100					Indirect Forced Circulation	Flat Plate	76	0.6	1.5	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-N		Solar with Gas Backup	Natural Gas															75					Indirect Forced Circulation	Flat Plate	76	0.7	2	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-P10E		Solar with Electric Backup											593										Indirect Forced Circulation	Flat Plate	119.4	0.88	7.4	-59	119	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30060-P10G		Solar with Gas Backup	Natural Gas															58					Indirect Forced Circulation	Flat Plate	119.4	0.77	2.6	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-P10N		Solar with Gas Backup	Natural Gas															34					Indirect Forced Circulation	Flat Plate	119.4	0.86	4.4	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-P10S		Solar with Electric Backup											227										Indirect Forced Circulation	Flat Plate	119.4	0.95	19.3	-59	119	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30060-P8E		Solar with Electric Backup											1125										Indirect Forced Circulation	Flat Plate	95.7	0.77	3.9	-59	119	Tank	50	4.5
Caleffi Solar	Caleffi Solar		NAS30060-P8G		Solar with Gas Backup	Natural Gas															79					Indirect Forced Circulation	Flat Plate	95.7	0.68	1.9	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-P8N		Solar with Gas Backup	Natural Gas															58					Indirect Forced Circulation	Flat Plate	95.7	0.77	2.6	-59	119	Tank	50	
Caleffi Solar	Caleffi Solar		NAS30060-P8S		Solar with Electric Backup											655										Indirect Forced Circulation	Flat Plate	95.7	0.87	6.7	-59	119	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30060-S		Solar with Electric Backup											1219										Indirect Forced Circulation	Flat Plate	76	0.75	3.6	-59	119	Tank	0	4.5
Caleffi Solar	Caleffi Solar		NAS30062-1D		Solar with Gas Backup	Natural Gas															16					Indirect Forced Circulation	Flat Plate	101.4	0.93	9.1	-59	119	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30062-1P10D		Solar with Gas Backup	Natural Gas															8					Indirect Forced Circulation	Flat Plate	159.1	0.97	18	-59	119	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30062-1P8D		Solar with Gas Backup	Natural Gas															8					Indirect Forced Circulation	Flat Plate	127.6	0.97	18	-59	119	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30062-D		Solar with Gas Backup	Natural Gas															44					Indirect Forced Circulation	Flat Plate	76	0.82	3.4	-59	119	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30062-P10D		Solar with Gas Backup	Natural Gas															8					Indirect Forced Circulation	Flat Plate	119.4	0.97	18	-59	119	Tank	0	
Caleffi Solar	Caleffi Solar		NAS30062-P8D		Solar with Gas Backup	Natural Gas															23					Indirect Forced Circulation	Flat Plate	95.7	0.91	6.5	-59	119	Tank	0	
Demand Energy LLC	Demand Energy	Insta-Heat	IHI56N		Gas Tankless	Natural Gas	Power Vent					3	5				150,000			0.82	183			3.2											
Demand Energy LLC	Demand Energy	Insta-Heat	IHI56P		Gas Tankless	Propane	Power Vent					3	5				150,000			0.82	183			3.2											
Demand Energy LLC	Demand Energy	Insta-Heat	IHI75N		Gas Tankless	Natural Gas	Power Vent					3	5				180,000			0.82	182			3.9											
Demand Energy LLC	Demand Energy	Insta-Heat	IHI75P		Gas Tankless	Propane	Power Vent					3	5				180,000			0.82	182			3.9											
Demand Energy LLC	Demand Energy	Insta-Heat	IHI97N		Gas Tankless	Natural Gas	Power Vent					3	5				194,000			0.83	180			4.3											
Demand Energy LLC	Demand Energy	Insta-Heat	IHI97P		Gas Tankless	Propane	Power Vent					3	5				194,000			0.83	180			4.3											
EnerWorks Inc.	EnerWorks Appliance		EWRA1-E120-1T		Solar with Electric Backup			120						4.5	240											Indirect Forced Circulation	Flat Plate	30	0.5	1.8					
EnerWorks Inc.	EnerWorks Appliance		EWRA1-E80-1T		Solar with Electric Backup			80						4.5	240											Indirect Forced Circulation	Flat Plate	30	0.5	1.8					
EnerWorks Inc.	EnerWorks Appliance		EWRA2-E100		Solar with Electric Backup			100						9	240											Indirect Forced Circulation	Flat Plate	61	0.6	2.2					
EnerWorks Inc.	EnerWorks Appliance		EWRA2-E120-1T		Solar with Electric Backup			120						4.5	240											Indirect Forced Circulation	Flat Plate	61	0.7	3.4					
EnerWorks Inc.	EnerWorks Appliance		EWRA2-E80		Solar with Electric Backup			80						9	240											Indirect Forced Circulation	Flat Plate	61	0.6	2.4					
EnerWorks Inc.	EnerWorks Appliance		EWRA2-E80-1T		Solar with Electric Backup			80						4.5	240											Indirect Forced Circulation	Flat Plate	61	0.8	3.7					
EnerWorks Inc.	EnerWorks Appliance		EWRA2-G100		Solar with Gas Backup	Natural Gas		100									75,000									Indirect Forced Circulation	Flat Plate	61	0.5	1.1					
EnerWorks Inc.	EnerWorks Appliance		EWRA2-G80		Solar with Gas Backup	Natural Gas		80									75,000									Indirect Forced Circulation	Flat Plate	61	0.5	1.2					
EnerWorks Inc.	EnerWorks Appliance		EWRA3-E100		Solar with Electric Backup			100						9	240											Indirect Forced Circulation	Flat Plate	92	0.7	2.6					
EnerWorks Inc.	EnerWorks Appliance		EWRA3-E120		Solar with Electric Backup			120						9	240											Indirect Forced Circulation	Flat Plate	92	0.6	2.5					
EnerWorks Inc.	EnerWorks Appliance		EWRA3-E120-1T		Solar with Electric Backup			120						4.5	240											Indirect Forced Circulation	Flat Plate	92	0.9	7.1					
EnerWorks Inc.	EnerWorks Appliance		EWRA3-G100		Solar with Gas Backup	Natural Gas		100									75,000									Indirect Forced Circulation	Flat Plate	92	0.6	1.4					
EnerWorks Inc.	EnerWorks Appliance		EWRA3-G120		Solar with Gas Backup	Natural Gas		120									75,000									Indirect Forced Circulation	Flat Plate	92	0.6	1.4					
EnerWorks Inc.	EnerWorks Appliance		EWRA4-E120		Solar with Electric Backup			120						9	240											Indirect Forced Circulation	Flat Plate	123	0.7	3.4					
EnerWorks Inc.	EnerWorks Appliance		EWRA4-E120-1T		Solar with Electric Backup			120						4.5	240											Indirect Forced Circulation	Flat Plate	123	1	47					
EnerWorks Inc.	EnerWorks Appliance		EWRA4-E144		Solar with Electric Backup			144						9	240											Indirect Forced Circulation	Flat Plate	123	0.7	2.9					
EnerWorks Inc.	EnerWorks Appliance		EWRA4-G120		Solar with Gas Backup	Natural Gas		120									75,000									Indirect Forced Circulation	Flat Plate	123	0.6	1.6					
EnerWorks Inc.	EnerWorks Appliance		EWRA4-G144		Solar with Gas Backup	Natural Gas		144									75,000									Indirect Forced Circulation	Flat Plate	123	0.6	1.4					
EZINC Metal San. Tic. A.S.	Ezinc		KG-300		Solar with Electric Backup											2089										Indirect Thermosyphon	Flat Plate	48.9	0.57	2.1	-40	76	Tank	50	4.5
Flowmax Technologies Inc.	Flowmax		Flowmax-120		Gas Tankless	Natural Gas											116,000			0.83	180			2.61	85%										
Flowmax Technologies Inc.	Flowmax		Flowmax-170		Gas Tankless	Natural Gas											174,000			0.87	173			4.26	88%										
GE Appliances	GE	GeoSpring	GEH50DEED**		Heat Pump	Electric		50	59.5		22.3			4.5	240	1830				2.4			65												
GE Appliances	GE		GEH50DNSR***		Heat Pump	Electric		50	60.5		21.8			4.5	240	1856				2.35			63		%										
GE Appliances	GE		GEH50DXSR***		Heat Pump	Electric		50	60.5		21.8			4.5	240	1856				2.35			63		%										
GE Appliances	GE		GN75DNSRSA		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
GE Appliances	GE		GN75ENSRSA		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
GE Appliances	GE		GN94DNSRSA		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
GE Appliances	GE		GN94ENSRSA		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
GE Appliances	GE		GP94DNSRSA		Gas Tankless	Propane											190,000			0.82		200		4.3	82%										
GE Appliances	GE		GP94ENSRSA		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Giant Factories, Inc.	Giant	UG60-38MFPV1-P2U-US	UG60-38MFPV1-P2U-US		Gas Storage	Propane		60	56.5	66.6	23.5	3	2		120		38,000			0.67	219		94												
Giant Factories, Inc.	Giant	UG60-40MFPV1-N2U-US	UG60-40MFPV1-N2U-US		Gas Storage	Natural Gas		60	56.5	66.6	23.5	3	2		120		40,000			0.67	222		94												
Grand Hall USA, Inc	Eternal	na	GU100(S)		Gas Tankless	Natural Gas														0.94															
Grand Hall USA, Inc	Eternal	No name found	GU100(S)		Gas Tankless	Natural Gas														5					%										
Grand Hall USA, Inc	Eternal	No name found	GU100(S)		Gas Tankless	Natural Gas														5					%										
Grand Hall USA, Inc	Eternal	No name found	GU120		Gas Tankless	Natural Gas														5					%										
Grand Hall USA, Inc	Eternal		GU145(S)		Gas Tankless	Natural Gas											145,000			0.96	158	173		3.4	98%										
Grand Hall USA, Inc	Eternal		GU195(S,M)		Gas Tankless	Natural Gas											199,000			0.96	158	173		4.7	98%										
Hubbell Electric Heater Co.	Hubbell	GX200	GX200	JGX200 RGX200,JGX200 RGX200,same heat exchanger, rating, components as NG200i but does not have the pump and valv same heat exchanger, rating, components as NG200i but does not have the pump and valv	Gas Tankless	Natural Gas	Direct Vent					3	3		120		199,000			0.93	164			4.9	93%										
Hubbell Electric Heater Co.	Hubbell	GX200P	GX200P	RGX200P,RGX200 P,Same as NG200i	Gas Tankless	Natural Gas	Direct Vent					3	3		120		199,000			0.93	164			4.9	93%										
Intellihot Green Technologies, Inc	Intellihot	NG150i	NG150i		Gas Tankless	Natural Gas	Direct Vent					3	3		120		150,000			0.94	161			3.7	94%										
Intellihot Green Technologies, Inc	Intellihot	NG185i	NG185i		Gas Tankless	Natural Gas	Direct Vent					3	3		120		185,000			0.93	162			4.4	93%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/25/2010	10/25/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	40		10	2	6	2	10/25/2010	10/25/2010	United States	
	40		10	2	6	2	10/26/2010	10/26/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
			10	2	6	2	10/27/2010	10/27/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
	0		10	2	6	2	10/26/2010	10/26/2010	United States	
		10				5	12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IHI56N_101120120357 50_999999
		10				5	12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IHI56P_101120120357 50_999999
		10				5	12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IHI75N_101120120357 50_999999
		10				5	12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IHI75P_101120120357 50_999999
		10				5	12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IHI97N_101120120357 50_999999
		10				5	12/1/2011	11/2/2011	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1114674_IHI97P_101120120357 50_999999
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	5	1/7/2009	1/7/2009	United States	
			10	2	6	1	6/3/2010	6/3/2010	United States	
		10				5	8/10/2010	8/10/2010	United States	
		10				5	8/10/2010	8/10/2010	United States	
		10					3/14/2012	10/16/2012	United States, Canada	ES_1032618_5066056_100420121557 39_1757328
					10	10	8/24/2009	8/24/2009	United States	
					10	10	8/24/2009	8/24/2009	United States	
		10				5	12/15/2008	12/15/2008	United States	
		10				5	12/15/2008	12/15/2008	United States	
		10				5	12/15/2008	12/15/2008	United States	
		10				5	12/15/2008	12/15/2008	United States	
		10				5	12/15/2008	12/15/2008	United States	
		10				5	12/15/2008	12/15/2008	United States	
							11/1/2011	10/9/2012	United States	ES_1114734_4939669_100520121407 22_1002223
							11/1/2011	10/9/2012	United States	ES_1114734_4939668_100520121407 22_0708176
							12/16/2011	12/13/2011	United States	ES_1092745_Initial Certification: Model Meets ENERGY STAR Requirements_02132013103322_8335317
						5	12/16/2011	12/13/2011	United States	ES_1092745_GU100(S)__10032012160618_9115221
						5	12/16/2011	12/13/2011	United States	ES_1092745_GU100(S)__10042012141453_7045381
						5	7/14/2012	10/3/2012	United States	ES_1092745_GU120_10042012141453_7045381
		20				5	1/25/2010	1/25/2010	United States	
		20				5	1/25/2010	1/25/2010	United States	
		10				5	10/1/2012	10/5/2012	United States, Canada	ES_1120813_GX200_100420120330 00_1023475
		10				5	10/1/2012	10/5/2012	United States, Canada	ES_1120813_GX200P_10042012034 1110_1023475
		10				5	5/27/2011	10/25/2011	United States, Canada	ES_1084851_NG150_102620110836 20_1023474
		10				5	5/27/2011	10/25/2011	United States	ES_1084851_NG185_102620110818 40_1023474

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Intellihot Green Technologies, Inc	Intellihot	NG200i	NG200i	cNG200i,cNG200i, does not have the pump and valve; eNG200i,eNG200i, slightly higher max BTU/hr rating (49btu/hr more than NG200i i.e 199,991btu/hr); i200,i200,Same as cNG200i; i200P,i200P,Same as NG200i	Gas Tankless	Natural Gas	Direct Vent					3	3		120		199,000			0.93	164			4.9	93%										
Kenmore	Kenmore		153.32116		Heat Pump	Electric		60						4.5	240	1885				2.33			68												
Kenmore	Kenmore		153.32118		Heat Pump	Electric		80						4.5	240	1885				2.33			84												
Kenmore	Kenmore		153.332620		Gas Storage	Natural Gas	Atmospheric Vent	40	58	61.75	20	3	0				40,000			0.7	214		70		79%										
Kenmore	Kenmore		153.332640		Gas Storage	Natural Gas	Atmospheric Vent	50	57.13	60.63	22	3	0				40,000			0.7	214		81		79%										
Kenmore	Kenmore	HE Flue Damper	153.337021		Gas Storage	Natural Gas		40	58.2	61.7	20	3	4				40,000			0.67			67												
Kenmore	Kenmore	HE Flue Damper	153.337041		Gas Storage	Natural Gas		50	57.2	61	22	3	4				40,000			0.67			81												
Kenmore	Kenmore		154.330020		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
Kenmore	Kenmore		154.330030		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
Kenmore	Kenmore		154.330040		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	83%										
Kenmore	Kenmore		154.330050		Gas Tankless	Propane											180,000			0.82		200		3.9	83%										
Kenmore	Kenmore		154.330060		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
Kenmore	Kenmore		154.330070		Gas Tankless	Propane											190,000			0.82		200		4.3	83%										
Kenmore	Kenmore		154.330080		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Kenmore	Kenmore		154.330090		Gas Tankless	Propane											190,000			0.82		200		4.3	82%										
Kenmore	Kenmore	TS520GIH 100	154.335000		Gas Tankless	Natural Gas											190,000			0.82				4											
Kenmore	Kenmore	TS520GEH 100	154.335010		Gas Tankless	Natural Gas											190,000			0.82				4											
Kenmore	Kenmore	TS520LEH 101	154.335020		Gas Tankless	Propane											190,000			0.82				4											
Kenmore	Kenmore	154.335	154.335030		Gas Tankless	Natural Gas											190,000			0.82				4											
Monitor Products Incorporated	MPI		MWH180		Gas Tankless	Natural Gas											180,000			0.82	185			3.85	82%										
Monitor Products Incorporated	MPI		MWH180		Gas Tankless	Propane											180,000			0.82		203		3.85	82%										
Monitor Products Incorporated	MPI		MWH180EX		Gas Tankless	Natural Gas											180,000			0.82	185			3.8	82%										
Monitor Products Incorporated	MPI		MWH180EX		Gas Tankless	Propane											180,000			0.82		203		3.8	82%										
Navien America, Inc.	Navien	NPE	NPE-180A-LPG		Gas Tankless	Natural Gas						2	2				150,000			0.96	159			8.4											
Navien America, Inc.	Navien	NPE	NPE-180A-NG		Gas Tankless	Natural Gas						2			120		150,000			0.95	160			8.4											
Navien America, Inc.	Navien	NPE	NPE-210A-LPG		Gas Tankless	Natural Gas						2	2				180,000			0.97	155			10.1											
Navien America, Inc.	Navien	NPE	NPE-210A-NG		Gas Tankless	Natural Gas						2			120		180,000			0.95	159			10.1											
Navien America, Inc.	Navien	NPE	NPE-240A-LPG		Gas Tankless	Natural Gas						2	2				199,000			0.97	157			11.2											
Navien America, Inc.	Navien	NPE	NPE-240A-NG		Gas Tankless	Natural Gas						2			120		199,000			0.95	159			11.2											
Navien America, Inc.	Navien America		CC-180		Gas Tankless	Natural Gas											150,000			0.98	155			3.83	98%										
Navien America, Inc.	Navien America		CC-180		Gas Tankless	Propane											150,000			0.98		170		3.83	98%										
Navien America, Inc.	Navien America		CC-180A		Gas Tankless	Natural Gas											150,000			0.98	155			3.83	98%										
Navien America, Inc.	Navien America		CC-180A		Gas Tankless	Propane											150,000			0.98		170		3.83	98%										
Navien America, Inc.	Navien America		CC-210		Gas Tankless	Natural Gas											175,000			0.95	160			4.2	98%										
Navien America, Inc.	Navien America		CC-210		Gas Tankless	Propane											175,000			0.95		170		4.5	98%										
Navien America, Inc.	Navien America		CC-210A		Gas Tankless	Natural Gas											175,000			0.95	160			4.2	98%										
Navien America, Inc.	Navien America		CC-210A		Gas Tankless	Propane											175,000			0.95		170		4.5	98%										
Navien America, Inc.	Navien America		CC-240		Gas Tankless	Natural Gas											199,000			0.95	160			4.75	97%										
Navien America, Inc.	Navien America		CC-240		Gas Tankless	Propane											199,000			0.95		170		4.94	97%										
Navien America, Inc.	Navien America		CC-240A		Gas Tankless	Natural Gas											199,000			0.95	160			4.75	97%										
Navien America, Inc.	Navien America		CC-240A		Gas Tankless	Propane											199,000			0.95		170		4.94	97%										
Navien America, Inc.	Navien America		CR-180		Gas Tankless	Natural Gas											150,000			0.98	155			3.83	98%										
Navien America, Inc.	Navien America		CR-180		Gas Tankless	Propane											150,000			0.98		170		3.83	98%										
Navien America, Inc.	Navien America		CR-180A		Gas Tankless	Natural Gas											150,000			0.98	155			3.83	98%										
Navien America, Inc.	Navien America		CR-180A		Gas Tankless	Propane											150,000			0.98		170		3.83	98%										
Navien America, Inc.	Navien America		CR-210		Gas Tankless	Natural Gas											175,000			0.95	160			4.2	98%										
Navien America, Inc.	Navien America		CR-210		Gas Tankless	Propane											175,000			0.95		170		4.5	98%										
Navien America, Inc.	Navien America		CR-210A		Gas Tankless	Natural Gas											175,000			0.95	160			4.2	98%										
Navien America, Inc.	Navien America		CR-210A		Gas Tankless	Propane											175,000			0.95		170		4.5	98%										
Navien America, Inc.	Navien America		CR-240		Gas Tankless	Natural Gas											199,000			0.95	160			4.75	97%										
Navien America, Inc.	Navien America		CR-240		Gas Tankless	Propane											199,000			0.95		170		4.94	97%										
Navien America, Inc.	Navien America		CR-240A		Gas Tankless	Natural Gas											199,000			0.95	160			4.75	97%										
Navien America, Inc.	Navien America		CR-240A		Gas Tankless	Propane											199,000			0.95		170		4.94	97%										
Navien America, Inc.	Navien America		NP-180		Gas Tankless	Natural Gas											150,000			0.96	159	0		3.7	98%										
Navien America, Inc.	Navien America		NP-180		Gas Tankless	Propane											150,000			0.96	0	171		3.8	98%										
Navien America, Inc.	Navien America		NP-180A		Gas Tankless	Natural Gas											150,000			0.94	162	0		3.7	98%										
Navien America, Inc.	Navien America		NP-180A		Gas Tankless	Propane											150,000			0.94	0	172		3.8	98%										
Navien America, Inc.	Navien America		NP-210		Gas Tankless	Natural Gas											180,000			0.95	160	0		4.3	97%										
Navien America, Inc.	Navien America		NP-210		Gas Tankless	Propane											180,000			0.97	0	171		4.7	98%										
Navien America, Inc.	Navien America		NP-210A		Gas Tankless	Natural Gas											180,000			0.94	162	0		4.3	98%										
Navien America, Inc.	Navien America		NP-210A		Gas Tankless	Propane											180,000			0.94	0	172		4.5	97%										
Navien America, Inc.	Navien America		NP-240		Gas Tankless	Natural Gas											199,000			0.95	159	0		4.8	97%										
Navien America, Inc.	Navien America		NP-240		Gas Tankless	Propane											199,000			0.97	0	171		5.2	97%										
Navien America, Inc.	Navien America		NP-240A		Gas Tankless	Natural Gas											199,000			0.95	160	0		4.9	98%										
Navien America, Inc.	Navien America		NP-240A		Gas Tankless	Propane											199,000			0.95	0	172		5	97%										
Navien America, Inc.	Navien America		NR-180		Gas Tankless	Natural Gas											150,000			0.96	159	0		3.7	98%										
Navien America, Inc.	Navien America		NR-180		Gas Tankless	Propane											150,000			0.96	0	171		3.8	98%										
Navien America, Inc.	Navien America		NR-180A		Gas Tankless	Natural Gas											150,000			0.94	162	0		3.7	98%										
Navien America, Inc.	Navien America		NR-180A		Gas Tankless	Propane											150,000			0.94	0	172		3.8	98%										
Navien America, Inc.	Navien America		NR-210		Gas Tankless	Natural Gas											180,000			0.97	160	0		4.7	98%										
Navien America, Inc.	Navien America		NR-210		Gas Tankless	Propane											180,000			0.95	0	171		4.3	98%										
Navien America, Inc.	Navien America		NR-210A		Gas Tankless	Natural Gas											180,000			0.94	162	0		4.3	98%										
Navien America, Inc.	Navien America		NR-210A		Gas Tankless	Propane											180,000			0.94	0	172		4.5	97%										
Navien America, Inc.	Navien America		NR-240		Gas Tankless	Natural Gas											199,000			0.97	159	0		5.2	97%										
Navien America, Inc.	Navien America		NR-240		Gas Tankless	Propane											199,000			0.95	0	171		4.8	97%										
Navien America, Inc.	Navien America		NR-240A		Gas Tankless	Natural Gas											199,000			0.95	160	0		4.9	98%										
Navien America, Inc.	Navien America		NR-240A		Gas Tankless	Propane											199,000			0.95	0	172		5	97%										
Noritz America Corporation	Electrolux	na	EP19WI30LS*		Gas Tankless	Propane														0.91															
Noritz America Corporation	Noritz		N-0531S		Gas Tankless	Natural Gas											140,000			0.82	183			3.1	82%										
Noritz America Corporation	Noritz		N-0531S		Gas Tankless	Propane											140,000			0.84		180		3.1	84%										
Noritz America Corporation	Noritz		N-0531S-OD		Gas Tankless	Natural Gas											140,000			0.83	183			3.1	82%										
Noritz America Corporation	Noritz		N-0531S-OD		Gas Tankless	Propane											140,000			0.84		180		3.1	84%										

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		10				5	5/27/2011	9/22/2011	United States, Canada	ES_1084851_NG200_092320110832 20_1023474
					12	12	8/10/2010	8/10/2010	United States	
					12	12	8/3/2010	8/3/2010	United States	
					6	6	4/29/2010	4/29/2010	United States	
					6	6	4/29/2010	4/29/2010	United States	
							1/24/2011	10/4/2012	United States, Canada	ES_15649_4627433_10042012155106_3714247
							1/24/2011	10/4/2012	United States, Canada	ES_15649_4627434_10042012155106_1028040
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12				5	5/25/2009	5/25/2009	United States	
		12					8/1/2011	10/4/2012	United States	ES_15649_4626929_10042012155106_3760120
		12					8/1/2011	10/4/2012	United States	ES_15649_4626931_10042012155106_1400713
		12					8/1/2011	10/4/2012	United States	ES_15649_4626932_10042012155106_0002073
		12					8/1/2011	10/4/2012	United States	ES_15649_4627437_10042012155106_5250506
		10				5	1/28/2009	1/28/2009	United States	
		10				5	1/28/2009	1/28/2009	United States	
		10				5	4/22/2009	4/22/2009	United States	
		10				5	4/22/2009	4/22/2009	United States	
		15					10/1/2012	10/31/2012	United States, Canada	ES_1074959_10312012161949_5321683
		15					10/1/2012	10/4/2012	United States, Canada	ES_1074959_55591 60_10042012160217_5640746
		15					10/1/2012	10/31/2012	United States, Canada	ES_1074959_10312012161949_7534012
		15					10/1/2012	10/4/2012	United States, Canada	ES_1074959_55591 61_10042012160217_7392426
		15					10/1/2012	10/31/2012	United States, Canada	ES_1074959_10312012161949_9375846
		15					10/1/2012	10/4/2012	United States, Canada	ES_1074959_55591 62_10042012160217_4379419
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		10				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	1/9/2009	1/9/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
		15				5	10/13/2009	10/13/2009	United States	
							4/1/2012	12/14/2012	United States	ES_1070591_Initial Certification: Model Meets ENERGY STAR Requirements_02122013105917_6319621
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Noritz America Corporation	Noritz		N-0631S		Gas Tankless	Natural Gas											180,000			0.83	183			3.8	83%										
Noritz America Corporation	Noritz		N-0631S		Gas Tankless	Propane											180,000			0.83		182		4	84%										
Noritz America Corporation	Noritz		N-0631S-OD		Gas Tankless	Natural Gas											180,000			0.82	185			3.8	82%										
Noritz America Corporation	Noritz		N-0631S-OD		Gas Tankless	Propane											180,000			0.83		183		3.9	83%										
Noritz America Corporation	Noritz		N-0751M		Gas Tankless	Natural Gas											199,000			0.83	183			4.3	83%										
Noritz America Corporation	Noritz		N-0751M		Gas Tankless	Propane											199,000			0.83		182		4.4	83%										
Noritz America Corporation	Noritz		N-0751M-DV		Gas Tankless	Natural Gas											199,000			0.83	183			4.3	83%										
Noritz America Corporation	Noritz		N-0751M-DV		Gas Tankless	Propane											199,000			0.82		185		4.5	81%										
Noritz America Corporation	Noritz		N-0751M-DVC		Gas Tankless	Natural Gas											199,000			0.82	184			4.3	83%										
Noritz America Corporation	Noritz		N-0751M-DVC		Gas Tankless	Propane											199,000			0.84		180		4.2	84%										
Noritz America Corporation	Noritz		N-0751M-OD		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Noritz America Corporation	Noritz		N-0751M-OD		Gas Tankless	Propane											199,000			0.86		177		4.5	85%										
Noritz America Corporation	Noritz		N-0841MC		Gas Tankless	Natural Gas											199,000			0.91	166			4.9	90%										
Noritz America Corporation	Noritz		N-0841MC		Gas Tankless	Propane											199,000			0.93		163		4.9	93%										
Noritz America Corporation	Noritz		N-0841MC-DV		Gas Tankless	Natural Gas											199,000			0.92	165			4.8	92%										
Noritz America Corporation	Noritz		N-0841MC-DV		Gas Tankless	Propane											199,000			0.94		161		5.1	94%										
Noritz America Corporation	Noritz		N-0842MC		Gas Tankless	Natural Gas											199,000			0.91	166			4.9	90%										
Noritz America Corporation	Noritz		N-0842MC		Gas Tankless	Propane											199,000			0.93		178		4.9	93%										
Noritz America Corporation	Noritz		N-0842MC-DV		Gas Tankless	Natural Gas											199,000			0.92	165			4.8	92%										
Noritz America Corporation	Noritz		N-0842MC-DV		Gas Tankless	Propane											199,000			0.94		177		5	94%										
Noritz America Corporation	Noritz	No name found	NC1991-DVC		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NC1991-DVC		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NC1991-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NC1991-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz		NC199-DVC		Gas Tankless	Natural Gas											199,000			0.82	184			4.3	83%										
Noritz America Corporation	Noritz		NC199-DVC		Gas Tankless	Propane											199,000			0.84		198		4.2	84%										
Noritz America Corporation	Noritz		NC199-OD		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Noritz America Corporation	Noritz		NC199-OD		Gas Tankless	Natural Gas											199,000			0.86		194		4.5	85%										
Noritz America Corporation	Noritz	No name found	NCC1991-DV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NCC1991-DV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NCC1991-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NCC1991-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz		NCC199-DV		Gas Tankless	Natural Gas											199,000			0.92	165			4.8	92%										
Noritz America Corporation	Noritz		NCC199-DV		Gas Tankless	Propane											199,000			0.94		178		5	94%										
Noritz America Corporation	Noritz		NCC199-SV		Gas Tankless	Natural Gas											199,000			0.91	166			4.9	90%										
Noritz America Corporation	Noritz		NCC199-SV		Gas Tankless	Propane											199,000			0.93		178		4.9	93%										
Noritz America Corporation	Noritz	na	NR50-OD		Gas Tankless	Natural Gas														0.82															
Noritz America Corporation	Noritz	na	NR50-OD		Gas Tankless	Propane														0.85															
Noritz America Corporation	Noritz	No name found	NR50-OD		Gas Tankless															5					%										
Noritz America Corporation	Noritz	No name found	NR50-OD		Gas Tankless															5					%										
Noritz America Corporation	Noritz		NR66-OD		Gas Tankless	Natural Gas											140,000			0.83	183			3.1	82%										
Noritz America Corporation	Noritz		NR66-OD		Gas Tankless	Propane											140,000			0.84		197		3.1	84%										
Noritz America Corporation	Noritz		NR66-SV		Gas Tankless	Natural Gas											140,000			0.82	183			3.1	82%										
Noritz America Corporation	Noritz		NR66-SV		Gas Tankless	Propane											140,000			0.84		198		3.1	84%										
Noritz America Corporation	Noritz		NR71-OD		Gas Tankless	Natural Gas											180,000			0.82	185			3.8	82%										
Noritz America Corporation	Noritz		NR71-OD		Gas Tankless	Propane											180,000			0.83		200		3.9	83%										
Noritz America Corporation	Noritz		NR71-SV		Gas Tankless	Natural Gas											180,000			0.83	183			3.8	83%										
Noritz America Corporation	Noritz		NR71-SV		Gas Tankless	Propane											180,000			0.83	183			4	84%										
Noritz America Corporation	Noritz		NR83-DVC		Gas Tankless	Natural Gas											180,000			0.82	182			3.9	83%										
Noritz America Corporation	Noritz		NR83-DVC		Gas Tankless	Propane											180,000			0.83		198		4	84%										
Noritz America Corporation	Noritz	No name found	NR981-DVC		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NR981-DVC		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NR981-OD		Gas Tankless															5					%										
Noritz America Corporation	Noritz	No name found	NR981-OD		Gas Tankless															5					%										
Noritz America Corporation	Noritz	No name found	NR981-SV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NR981-SV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz		NR98-DVC		Gas Tankless	Natural Gas											199,000			0.82	184			4.3	83%										
Noritz America Corporation	Noritz		NR98-DVC		Gas Tankless	Propane											199,000			0.84		198		4.2	84%										
Noritz America Corporation	Noritz		NR98-OD		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Noritz America Corporation	Noritz		NR98-OD		Gas Tankless	Natural Gas											199,000			0.86		194		4.5	85%										
Noritz America Corporation	Noritz		NR98-SV		Gas Tankless	Natural Gas											199,000			0.83	183			4.3	83%										
Noritz America Corporation	Noritz		NR98-SV		Gas Tankless	Propane											199,000			0.83		199		4.4	83%										
Noritz America Corporation	Noritz	No name found	NRC1111-DV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC1111-DV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC1111-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC1111-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz		NRC111-DV		Gas Tankless	Natural Gas											199,000			0.92	165	0		4.8	92%										
Noritz America Corporation	Noritz		NRC111-DV		Gas Tankless	Propane											199,000			0.94	0	177		5	94%										

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	12/22/2008	12/22/2008	United States	
		12				5	4/22/2009	4/22/2009	United States	
		12				5	4/22/2009	4/22/2009	United States	
		12				5	4/22/2009	4/22/2009	United States	
		12				5	4/22/2009	4/22/2009	United States	
						5	4/1/2012	4/17/2012	United States	ES_1070591_NC1991-DVC_1003201216 0618_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NC1991-DVC_1004201214 1453_7045381
						5	4/1/2012	4/17/2012	United States	ES_1070591_NC1991-OD_10032012160 618_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NC1991-OD_10042012141 453_7045381
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
						5	4/1/2012	4/17/2012	United States	ES_1070591_NCC1991-DV_100320121606 18_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NCC1991-DV_100420121414 53_7045381
						5	4/1/2012	4/17/2012	United States	ES_1070591_NCC1991-OD_10032012160 618_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NCC1991-OD_10042012141 453_7045381
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
						6/1/2011	4/25/2011	United States	ES_1070591_Initial Certification: Model Meets ENERGY STAR Requirements_021 32013103322_5106072
						6/1/2011	4/25/2011	United States	ES_1070591_Initial Certification: Model Meets ENERGY STAR Requirements_021 32013103322_8335317
						5	6/1/2011	4/25/2011	United States	ES_1070591_NR50-OD_10032012160 618_9115221
						5	6/1/2011	4/25/2011	United States	ES_1070591_NR50-OD_10042012141 453_7045381
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	7/27/2010	7/27/2010	United States	
		12				5	7/27/2010	7/27/2010	United States	
						5	4/1/2012	4/17/2012	United States	ES_1070591_NR981-DVC_1003201216 0618_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NR981-DVC_1004201214 1453_7045381
						5	4/1/2012	4/17/2012	United States	ES_1070591_NR981-OD_10032012160 618_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NR981-OD_10042012141 453_7045381
						5	5/1/2012	5/21/2012	United States	ES_1070591_NR981-SV_100320121606 18_9115221
						5	5/1/2012	5/21/2012	United States	ES_1070591_NR981-SV_100420121414 53_7045381
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
						5	4/1/2012	4/17/2012	United States	ES_1070591_NRC1111-DV_100320121606 18_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NRC1111-DV_100420121414 53_7045381
						5	4/1/2012	4/17/2012	United States	ES_1070591_NRC1111-OD_10032012160 618_9115221
						5	4/1/2012	4/17/2012	United States	ES_1070591_NRC1111-OD_10042012141 453_7045381
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Noritz America Corporation	Noritz		NRC111-SV		Gas Tankless	Natural Gas											199,000			0.91	166	0		4.9	90%										
Noritz America Corporation	Noritz		NRC111-SV		Gas Tankless	Propane											199,000			0.93	0	178		4.9	93%										
Noritz America Corporation	Noritz	Noritz	NRC661-OD		Gas Tankless	Natural Gas														0.91				11.1											
Noritz America Corporation	Noritz	No name found	NRC83-DV		Gas Tankless															5					%										
Noritz America Corporation	Noritz	No name found	NRC83-DV		Gas Tankless															5					%										
Noritz America Corporation	Noritz	No name found	NRC83-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC83-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC98-DV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC98-DV		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC98-OD		Gas Tankless	Natural Gas														5					%										
Noritz America Corporation	Noritz	No name found	NRC98-OD		Gas Tankless	Natural Gas														5					%										
Pacific West Solar	Freeze Safe		FS410-80-1		Solar with Electric Backup											2194										Direct Forced Circulation	Flat Plate	41.8	0.55	2	-9	80	Tank	0	4.5
Paloma Industries, Inc.	Paloma		PH-20RDVSN (-1 through 10)		Gas Tankless	Natural Gas											141,000			0.82	183			3.1	82%										
Paloma Industries, Inc.	Paloma		PH-20RDVSP (-1 through 10)		Gas Tankless	Propane											135,000			0.82		200		3.1	84%										
Paloma Industries, Inc.	Paloma		PH-20RIFSN (-1 through 10)		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Paloma Industries, Inc.	Paloma		PH-20RIFSP (-1 through 10)		Gas Tankless	Propane											141,000			0.82		200		3.1	84%										
Paloma Industries, Inc.	Paloma		PH-20ROFN (-1 through 10)		Gas Tankless	Natural Gas											141,000			0.82	183			3.1	82%										
Paloma Industries, Inc.	Paloma		PH-20ROFP (-1 through 10)		Gas Tankless	Propane											141,000			0.82		200		3.1	84%										
Paloma Industries, Inc.	Paloma		PH2-20RDVSN (-1 through 10)		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	84%										
Paloma Industries, Inc.	Paloma		PH2-20RDVSP (-1 through 10)		Gas Tankless	Propane											150,000			0.82		200		3.3	84%										
Paloma Industries, Inc.	Paloma		PH2-20ROFN (-1 through 10)		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	84%										
Paloma Industries, Inc.	Paloma		PH2-20ROFP (-1 through 10)		Gas Tankless	Propane											150,000			0.82		200		3.3	84%										
Paloma Industries, Inc.	Paloma		PH2-25RDVSN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
Paloma Industries, Inc.	Paloma		PH2-25RDVSP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
Paloma Industries, Inc.	Paloma		PH2-25ROFN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			4	84%										
Paloma Industries, Inc.	Paloma		PH2-25ROFP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		4	84%										
Paloma Industries, Inc.	Paloma		PH2-28RDVSN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Paloma Industries, Inc.	Paloma		PH2-28RDVSP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Paloma Industries, Inc.	Paloma		PH2-28ROFN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Paloma Industries, Inc.	Paloma		PH2-28ROFP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Paloma Industries, Inc.	Paloma		PH-25RDVSN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			4	81%										
Paloma Industries, Inc.	Paloma		PH-25RDVSP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		4	81%										
Paloma Industries, Inc.	Paloma		PH-25ROFN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			4	81%										
Paloma Industries, Inc.	Paloma		PH-25ROFP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		4	81%										
Paloma Industries, Inc.	Paloma		PH-28RDVSN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Paloma Industries, Inc.	Paloma		PH-28RDVSP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.3	84%										
Paloma Industries, Inc.	Paloma		PH-28RIFSN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Paloma Industries, Inc.	Paloma		PH-28RIFSP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.3	84%										
Paloma Industries, Inc.	Paloma		PH-28ROFN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Paloma Industries, Inc.	Paloma		PH-28ROFP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.3	84%										
Paloma Industries, Inc.	Paloma		PHH-32RDVN (-1 through 10)		Gas Tankless	Natural Gas											199,900			0.94	159			4.9	93%										
Paloma Industries, Inc.	Paloma		PHH-32RDVP (-1 through 10)		Gas Tankless	Propane											199,900			0.94		175		4.9	93%										
Paloma Industries, Inc.	Paloma		PHH-32ROFN (-1 through 10)		Gas Tankless	Natural Gas											199,900			0.94	159			4.9	93%										
Paloma Industries, Inc.	Paloma		PHH-32ROFP (-1 through 10)		Gas Tankless	Propane											199,900			0.94		175		4.9	93%										
Paloma Industries, Inc.	Wai Wela		PH-20RDVSN (-1 through 10)		Gas Tankless	Natural Gas											141,000			0.82	183			3.1	82%										
Paloma Industries, Inc.	Wai Wela		PH-20RDVSP (-1 through 10)		Gas Tankless	Propane											135,000			0.82		200		3.1	84%										
Paloma Industries, Inc.	Wai Wela		PH-20RIFSN (-1 through 10)		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Paloma Industries, Inc.	Wai Wela		PH-20RIFSP (-1 through 10)		Gas Tankless	Propane											141,000			0.82		200		3.1	84%										
Paloma Industries, Inc.	Wai Wela		PH-20ROFN (-1 through 10)		Gas Tankless	Natural Gas											141,000			0.82	183			3.1	82%										
Paloma Industries, Inc.	Wai Wela		PH-20ROFP (-1 through 10)		Gas Tankless	Propane											141,000			0.82		200		3.1	84%										
Paloma Industries, Inc.	Wai Wela		PH2-20RDVSN (-1 through 10)		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	84%										
Paloma Industries, Inc.	Wai Wela		PH2-20RDVSP (-1 through 10)		Gas Tankless	Propane											150,000			0.82		200		3.3	84%										
Paloma Industries, Inc.	Wai Wela		PH2-20ROFN (-1 through 10)		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	84%										
Paloma Industries, Inc.	Wai Wela		PH2-20ROFP (-1 through 10)		Gas Tankless	Propane											150,000			0.82		200		3.3	84%										
Paloma Industries, Inc.	Wai Wela		PH2-25RDVSN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	84%										
Paloma Industries, Inc.	Wai Wela		PH2-25RDVSP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		3.9	84%										
Paloma Industries, Inc.	Wai Wela		PH2-25ROFN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			4	84%										
Paloma Industries, Inc.	Wai Wela		PH2-25ROFP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		4	84%										
Paloma Industries, Inc.	Wai Wela		PH2-28RDVSN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Paloma Industries, Inc.	Wai Wela		PH2-28RDVSP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Paloma Industries, Inc.	Wai Wela		PH2-28ROFN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Paloma Industries, Inc.	Wai Wela		PH2-28ROFP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Paloma Industries, Inc.	Wai Wela		PH-25RDVSN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			4	81%										
Paloma Industries, Inc.	Wai Wela		PH-25RDVSP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		4	81%										
Paloma Industries, Inc.	Wai Wela		PH-25ROFN (-1 through 10)		Gas Tankless	Natural Gas											180,000			0.82	183			4	81%										
Paloma Industries, Inc.	Wai Wela		PH-25ROFP (-1 through 10)		Gas Tankless	Propane											180,000			0.82		200		4	81%										
Paloma Industries, Inc.	Wai Wela		PH-28RDVSN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Paloma Industries, Inc.	Wai Wela		PH-28RDVSP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.3	84%										
Paloma Industries, Inc.	Wai Wela		PH-28RIFSN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Paloma Industries, Inc.	Wai Wela		PH-28RIFSP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.3	84%										
Paloma Industries, Inc.	Wai Wela		PH-28ROFN (-1 through 10)		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	84%										
Paloma Industries, Inc.	Wai Wela		PH-28ROFP (-1 through 10)		Gas Tankless	Propane											199,000			0.82		200		4.3	84%										
Paloma Industries, Inc.	Wai Wela		PHH-32RDVN (-1 through 10)		Gas Tankless	Natural Gas											199,900			0.94	159			4.9	93%										
Paloma Industries, Inc.	Wai Wela		PHH-32RDVP (-1 through 10)		Gas Tankless	Propane											199,900			0.94		175		4.9	93%										
Paloma Industries, Inc.	Wai Wela		PHH-32ROFN (-1 through 10)		Gas Tankless	Natural Gas											199,900			0.94	159			4.9	93%										
Paloma Industries, Inc.	Wai Wela		PHH-32ROFP (-1 through 10)		Gas Tankless	Propane											199,900			0.94		175		4.9	93%										
Power Partners Solar	Power Partners		100133C50		Solar with Electric Backup									12	250											Direct Forced Circulation	Flat Plate	60	0.5	1.8					
Power Partners Solar	Power Partners		200132C50		Solar with Electric Backup									12	250											Direct Forced Circulation	Flat Plate	40	0.6	2.2					
Power Partners Solar	Power Partners		200132C502TE		Solar with Electric Backup			50						12	250											Direct Forced Circulation	Flat Plate	40	0.5	1.8					
Power Partners Solar	Power Partners		200132C50T20E		Solar with Electric Backup			20						12	250											Direct Forced Circulation	Flat Plate	40	0.5	1.8					

ry W)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	11/3/2009	11/3/2009	United States	
		12				5	11/3/2009	11/3/2009	United States	
							2/1/2013	2/12/2013	United States	ES_1070591_Initial Certification: Model Meets ENERGY STAR Requirements_02132013160556_8223967
						5	11/14/2011	9/14/2011	United States	ES_1070591_NRC83-DV_10032012160618_9115221
						5	11/14/2011	9/14/2011	United States	ES_1070591_NRC83-DV_10042012141453_7045381
						5	11/14/2011	9/14/2011	United States	ES_1070591_NRC83-OD_10032012160618_9115221
						5	11/14/2011	9/14/2011	United States	ES_1070591_NRC83-OD_10042012141453_7045381
						5	9/1/2011	4/22/2011	United States	ES_1070591_NRC98-DV_10032012160618_9115221
						5	9/1/2011	4/22/2011	United States	ES_1070591_NRC98-DV_10042012141453_7045381
						5	11/14/2011	9/14/2011	United States	ES_1070591_NRC98-OD_10032012160618_9115221
						5	11/14/2011	9/14/2011	United States	ES_1070591_NRC98-OD_10042012141453_7045381
			10	5	6	5	7/22/2010	7/22/2010	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		10				5	10/15/2010	10/15/2010	United States	
		12				5	10/15/2010	10/15/2010	United States	
		12				5	10/15/2010	10/15/2010	United States	
		12				5	10/15/2010	10/15/2010	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	2/23/2010	2/23/2010	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	12/3/2009	12/3/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	2/10/2009	2/10/2009	United States	
		12				5	10/15/2010	10/15/2010	United States	
		12				5	10/15/2010	10/15/2010	United States	
		12				5	10/15/2010	10/15/2010	United States	
		12				5	10/15/2010	10/15/2010	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Power Partners Solar	Power Partners		200132C80		Solar with Electric Backup									12	250											Direct Forced Circulation	Flat Plate	40	0.6	2.1					
Power Partners Solar	Power Partners		200133C50		Solar with Electric Backup									12	250											Direct Forced Circulation	Flat Plate	60	0.7	3.3					
Power Partners Solar	Power Partners		200133C80		Solar with Electric Backup									12	250											Direct Forced Circulation	Flat Plate	60	0.7	3.1					
Power Partners Solar	Power Partners		200152C80EX		Solar with Electric Backup			80						12	250											Indirect Forced Circulation	Flat Plate	40	0.5	1.7					
Power Partners Solar	Power Partners		200153C80EX		Solar with Electric Backup			80						12	250											Indirect Forced Circulation	Flat Plate	60	0.6	2.1					
Power Partners Solar	Power Partners		200154C80EX		Solar with Electric Backup			80						12	250											Indirect Forced Circulation	Flat Plate	80	0.7	2.6					
Quietside	Quietside		DPW-120A		Gas Tankless	Natural Gas											120,000			0.85	182			2.7	82%										
Quietside	Quietside		DPW-120A		Gas Tankless	Propane											120,000			0.85		200		2.7	82%										
Quietside	Quietside		ODW-120A		Gas Tankless	Natural Gas											120,000			0.91	163			2.8	93%										
Quietside	Quietside		ODW-120A		Gas Tankless	Propane											120,000			0.91		179		2.8	93%										
Quietside	Quietside		ODW-180A		Gas Tankless	Natural Gas											180,000			0.92	166			4.2	93%										
Quietside	Quietside		ODW-180A		Gas Tankless	Propane											180,000			0.92		182		4.2	93%										
Quietside	Quietside		ODW-199A		Gas Tankless	Natural Gas											199,000			0.92	163			4.6	92%										
Quietside	Quietside		ODW-199A		Gas Tankless	Propane											199,000			0.92		179		4.6	92%										
Rheem-Ruud Manufacturing	EcoSense	EcoSense	43V30-60RE12		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	EcoSense	EcoSense	43V30-60RE6		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	EcoSense	High efficiency condensing storage water heater	ECORHE40S		Gas Storage	Natural Gas		38	51	62.3	22.1	2	3				40,000,000			0.8	187		74												
Rheem-Ruud Manufacturing	EcoSense	High efficiency condensing storage water heater	ECORHE40SP		Gas Storage	Propane		38	51	62.3	22.1	2	3				36,000,000			0.8	205		74												
Rheem-Ruud Manufacturing	EcoSense	High efficiency condensing storage water heater	ECORHE50		Gas Storage	Natural Gas		48	59.6	71	22.1	2	3				40,000,000			0.8	187		93												
Rheem-Ruud Manufacturing	EcoSense	High efficiency condensing storage water heater	ECORHE50P		Gas Storage	Propane		48	59.6	71	22.1	2	3				36,000,000			0.8	205		93												
Rheem-Ruud Manufacturing	GE		GG40S06TVT		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	GE		GG40T06PVT		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	GE		GG50S06TVT		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	GE		GG50T06PVT		Gas Storage	Natural Gas	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	GE		GP40S06TVT		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	GE		GP40T06PVT		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	GE		GP50S06TVT		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	GE		GP50T06PVT		Gas Storage	Propane	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	GE		PG40S09TVT		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	GE		PG50S09TVT		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	GE		PP40S09TVT		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	GE		PP50S09TVT		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	GE		SG40S12TVT		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	GE		SG50S12TVT		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	GE		SP40S12TVT		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	GE		SP50S12TVT		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	General Electric		GG40S06RVT		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	General Electric		GG40T06TVT		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	General Electric		GG40T06TXT		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	General Electric		GG50S06RVT		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	General Electric		GG50T06TVT		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	General Electric		GG50T06TXT		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	General Electric		GP40S06RVT		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	General Electric		GP40T06TVT		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	General Electric		GP50S06RVT		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	General Electric		GP50T06TVT		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	General Electric		PG40T09TVT		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	General Electric		PG40T09TXT		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	General Electric		PG50T09TVT		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	General Electric		PG50T09TXT		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	General Electric		PP40T09TVT		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	General Electric		PP50T09TVT		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	General Electric		SG40T12TVT		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	General Electric		SG40T12TXT		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	General Electric		SG50T12TVT		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	General Electric		SG50T12TXT		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	General Electric		SP40T12TVT		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	General Electric		SP50T12TVT		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Giant		UGT-64DVN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Giant		UGT-64DVP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Giant		UGT-84DVN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rheem-Ruud Manufacturing	Giant		UGT-84DVP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53DVNHA		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53DVP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53DVPHA		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53PVN		Gas Tankless	Natural Gas											135,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53PVNH		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53PVP		Gas Tankless	Propane											145,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53PVPH		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74PVNHA		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74PVPHA		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		CPTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-20RDVSN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-20RDVSP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-20ROFN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-20ROFP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-25RDVSN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-25RDVSP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-25ROFN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Paloma		PH2-25ROFP		Gas Tankless	Natural Gas											180,000			0.82		200		4	82%										

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
			10	2	6	1	4/17/2009	4/17/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
		12				5	3/3/2009	3/3/2009	United States	
							6/20/2011	10/4/2012	United States	ES_1045829_4606199_10042012155106_0544812
							6/20/2011	10/4/2012	United States	ES_1045829_4606200_10042012155106_2950092
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_6907282
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_2016127
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_5299537
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_7096311
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Rheem-Ruud Manufacturing	Paloma		PTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74DVNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74DVPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74PVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74PVNUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74PVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74XNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74XNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74XPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma		PTG-74XPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-25RDVLN	PHH-25RDVLN		Gas Tankless	Natural Gas						3	3				0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-25RDVLP	PHH-25RDVLP		Gas Tankless	Propane						3	3				0			0.92				3.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-25ROFLN	PHH-25ROFLN		Gas Tankless	Natural Gas											0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-25ROFLP	PHH-25ROFLP		Gas Tankless	Propane											0			0.92				3.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-32RDVLN	PHH-32RDVLN		Gas Tankless	Natural Gas						3	3				0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-32RDVLP	PHH-32RDVLP		Gas Tankless	Propane						3	3				0			0.94				4.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-32ROFLN	PHH-32ROFLN		Gas Tankless	Natural Gas											0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Paloma, WaiWela	PHH-32ROFLP	PHH-32ROFLP		Gas Tankless	Propane											0			0.94				4.8											
Rheem-Ruud Manufacturing	Rheem		23V40NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Rheem		23V50NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Rheem		23X40NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Rheem		23X50NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Rheem		42VP40FN		Gas Storage	Natural Gas	Power Vent	40	60	69.75	21	2	3				36,000			0.67	224		72		79%										
Rheem-Ruud Manufacturing	Rheem		42VP50FN		Gas Storage	Natural Gas	Power Vent	50	59.75	69.5	23	2	3				38,000			0.67	224		94		80%										
Rheem-Ruud Manufacturing	Rheem	Rheem	43V30-60		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	Rheem		43V40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Rheem		43V40PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Rheem		43V40SE2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Rheem		43V40SPE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Rheem		43V50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Rheem		43V50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Rheem		43V50PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Rheem		43V50SE2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Rheem		43V50SPE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Rheem		43VP40E2		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Rheem		43VP40E2-E		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Rheem		43VP40PE2		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	Rheem		43VP40PE2-E		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	Rheem		43VP40SE2		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	Rheem		43VP40SE2-E		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	Rheem		43VP40SPE2		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	Rheem		43VP40SPE2-E		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	Rheem		43VP50E2		Gas Storage	Natural Gas	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	Rheem		43VP50E2-E		Gas Storage	Natural Gas	Power Vent	50	59	66.38	21.75	2	3				42,000			0.67	225		87		84%										
Rheem-Ruud Manufacturing	Rheem		43VP50PE2		Gas Storage	Propane	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	Rheem		43VP50PE2-E		Gas Storage	Propane	Power Vent	50	59	66.38	21.75	2	3				36,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	Rheem		43VP50SE2		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	Rheem		43VP50SE2-E		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	Rheem		43VP50SPE2		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	Rheem		43VP50SPE2-E		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	Rheem		43X40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Rheem		43X40PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Rheem		43X40SE2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Rheem		43X40SPE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Rheem		43X50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Rheem		43X50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Rheem		43X50PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Rheem		43X50SE2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Rheem		43X50SPE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Rheem		CPTG-53DVNHA		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Rheem		CPTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53DVNH		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53PVNUE		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-66DVN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-66DVP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-66XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-66XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360618_10042012160218_9259028
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360619_10042012160218_4527061
		12					4/20/2012	10/4/2012	United States	ES_1045829_5361031_10042012160218_8775461
		12					4/20/2012	10/4/2012	United States	ES_1045829_5361032_10042012160218_4455254
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360925_10042012160218_9684054
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360926_10042012160218_1886727
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360927_10042012160218_9834487
		12					4/20/2012	10/4/2012	United States	ES_1045829_5361127_10042012160219_9184091
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	4/30/2010	4/30/2010	United States	
					6	6	4/30/2010	4/30/2010	United States	
							6/20/2011	10/4/2012	United States	ES_1045829_4606146_10042012155106_6381339
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Rheem-Ruud Manufacturing	Rheem		CRTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-74PVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTGL74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTGL74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTGL-74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTGL74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTGL74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		CRTGL74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		ECO200PVNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		HP40RH		Heat Pump	Electric		40						4	240	2195				2			56												
Rheem-Ruud Manufacturing	Rheem		HP50RH		Heat Pump	Electric		50	75.5		21			4	240	2195				2			67		%										
Rheem-Ruud Manufacturing	Rheem		PDV40		Gas Storage	Natural Gas	Power Direct Vent	40	60.3	68.5	19.8	2	3				40,000			0.67	224		73		76%										
Rheem-Ruud Manufacturing	Rheem		PDV40P		Gas Storage	Propane	Power Direct Vent	40	60.3	68.5	19.8	2	3				40,000			0.67		245	73		76%										
Rheem-Ruud Manufacturing	Rheem		PDV50		Gas Storage	Natural Gas	Power Direct Vent	50	59.4	67.6	21.8	2	3				50,000			0.67	224		93		76%										
Rheem-Ruud Manufacturing	Rheem		PDV50P		Gas Storage	Propane	Power Direct Vent	50	59.4	67.6	21.8	3	3				50,000			0.67		245	93		76%										
Rheem-Ruud Manufacturing	Rheem		PRO40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Rheem		PRO40NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Rheem		PRO40PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Rheem		PRO40SE2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Rheem		PRO40SPE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Rheem		PRO50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Rheem		PRO50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Rheem		PRO50NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Rheem		PRO50PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Rheem		PRO50SE2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Rheem		PRO50SPE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Rheem	High efficency condensing storage water heater	RHE40S		Gas Storage	Natural Gas		38	51	62.3	22.1	2	3				40,000,000			0.8	187		74												
Rheem-Ruud Manufacturing	Rheem	High efficency condensing storage water heater	RHE40SP		Gas Storage	Propane		38	51	62.3	22.1	2	3				36,000,000			0.8	205		74												
Rheem-Ruud Manufacturing	Rheem	High efficency condensing storage water heater	RHE50		Gas Storage	Natural Gas		48	59.6	71	22.1	2	3				40,000,000			0.8	187		93												
Rheem-Ruud Manufacturing	Rheem	High efficency condensing storage water heater	RHE50P		Gas Storage	Propane		48	59.6	71	22.1	2	3				36,000,000			0.8	205		93												
Rheem-Ruud Manufacturing	Rheem	Rheem	RHPRO30-60		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	Rheem	Rheem	RHPRO30-60		Gas Storage	Natural Gas		29	59	63.5	17.8	3	4				60,000			0.7	214		90		%										
Rheem-Ruud Manufacturing	Rheem		RS120-64BP		Solar with Electric Backup			120						4.5		1371										Indirect Forced Circulation	Flat Plate	64	0.6	3.2					
Rheem-Ruud Manufacturing	Rheem		RS80-48BP		Solar with Electric Backup			80						4.5		1687										Indirect Forced Circulation	Flat Plate	48	0.6	2.6					
Rheem-Ruud Manufacturing	Rheem		RTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-64DVN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-64DVP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-64XN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-64XP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-66DVN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-66DVP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-66XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-66XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-74PVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-84DVN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-84DVP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-84XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Rheem		RTG-84XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Rheem	RTG-95DVLN	RTG-95DVLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Rheem	RTG-95DVLP	RTG-95DVLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Rheem		RTG-95DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Rheem-Ruud Manufacturing	Rheem		RTG-95DVP		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Rheem-Ruud Manufacturing	Rheem	RTG-95XLN	RTG-95XLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Rheem	RTG-95XLP	RTG-95XLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Rheem		RTG-95XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Rheem-Ruud Manufacturing	Rheem		RTG-95XP		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Rheem-Ruud Manufacturing	Rheem	RTGH-84DVLN	RTGH-84DVLN		Gas Tankless	Natural Gas						3	3				0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Rheem	RTGH-84DVLP	RTGH-84DVLP		Gas Tankless	Propane						3	3				0			0.92				3.8											
Rheem-Ruud Manufacturing	Rheem	RTGH-84XLN	RTGH-84XLN		Gas Tankless	Natural Gas											0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Rheem	RTGH-84XLP	RTGH-84XLP		Gas Tankless	Propane											0			0.92				3.8											
Rheem-Ruud Manufacturing	Rheem	RTGH-95DVLN	RTGH-95DVLN		Gas Tankless	Natural Gas						3	3				0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Rheem	RTGH-95DVLP	RTGH-95DVLP		Gas Tankless	Propane						3	3				0			0.94				4.8											
Rheem-Ruud Manufacturing	Rheem		RTGH-95DVN		Gas Tankless	Natural Gas											199,000			0.94	158			4.9	94%										
Rheem-Ruud Manufacturing	Rheem		RTGH-95DVP		Gas Tankless	Propane											199,000			0.94		173		4.9	94%										
Rheem-Ruud Manufacturing	Rheem	RTGH-95XLN	RTGH-95XLN		Gas Tankless	Natural Gas											0			0.94	159			4.8											

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
					10	10	9/17/2010	9/17/2010	United States	
					10	10	9/3/2009	9/3/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
							1/1/2013	11/15/2012	United States	ES_1045829_1115 2012095605_7144 872
							1/1/2013	11/15/2012	United States	ES_1045829_1115 2012095605_4995 852
							1/1/2013	11/15/2012	United States	ES_1045829_1115 2012095605_3830 878
							1/1/2013	11/15/2012	United States	ES_1045829_1115 2012095605_3912 223
							6/20/2011	10/4/2012	United States	ES_1045829_4606 195_10042012160 217_3085339
						7	6/20/2011	10/4/2012	United States	ES_1045829_4606 195_10042012160 220_3371013
			10	2	6	1	7/14/2009	7/14/2009	United States	
			10	2	6	1	7/14/2009	7/14/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769 499_10042012160 221_8721215
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769 500_10042012160 221_1557855
		12				5	12/29/2009	12/29/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769 519_10042012160 221_4087328
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769 520_10042012160 221_2035088
		12				5	12/29/2009	12/29/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360 597_10042012160 221_2499201
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360 598_10042012160 222_4325892
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360 928_10042012160 222_7182165
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360 930_10042012160 222_7848885
		12					4/20/2012	10/4/2012	United States	ES_1045829_5358 853_10042012160 222_2770518
		12					4/20/2012	10/4/2012	United States	ES_1045829_5358 855_10042012160 222_1803238
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360 622_10042012160 222_2920951

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Rheem-Ruud Manufacturing	Rheem	RTGH-95XLP	RTGH-95XLP		Gas Tankless	Propane											0			0.94				4.8												
Rheem-Ruud Manufacturing	Rheem		RTGH-95XN		Gas Tankless	Natural Gas											199,000			0.94	159			4.9	94%											
Rheem-Ruud Manufacturing	Rheem		RTGH-95XP		Gas Tankless	Propane											199,000			0.94		175		4.9	94%											
Rheem-Ruud Manufacturing	Rheem		RTGL74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem		RTGL74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem		RTGL74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem		RTGL74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem		RTGL74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem		RTGL74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO-180DVN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO-180DVP		Gas Tankless	Propane											180,000			0.82		200		4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO-180XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO-180XP		Gas Tankless	Propane											180,000			0.82		200		4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200PVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200PVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200PVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CECO200XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53DVP		Gas Tankless	Propane											141,000			0.82		200		3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53DVPHA		Gas Tankless	Propane											135,000			0.82		200		3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53PVN		Gas Tankless	Natural Gas											135,000			0.82	183			3.1	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53PVNH		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53PVP		Gas Tankless	Propane											145,000			0.82		200		3.1	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53PVPH		Gas Tankless	Propane											141,000			0.82		200		3.1	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74PVNHA		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74PVPHA		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		CPTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO150DVN3		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO150DVP3		Gas Tankless	Propane											150,000			0.82		200		3.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO150XN3		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO150XP3		Gas Tankless	Propane											150,000			0.82		200		3.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO-180DVN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO180DVN3		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO-180DVP		Gas Tankless	Propane											180,000			0.82		200		4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO180DVP3		Gas Tankless	Propane											180,000			0.82		200		3.9	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO-180XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO180XN3		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO-180XP		Gas Tankless	Propane											180,000			0.82		200		4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO180XP3		Gas Tankless	Propane											180,000			0.82		200		4	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVN3		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVP3		Gas Tankless	Propane											199,000			0.82		200		4.4	84%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200DVPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200PVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200PVNH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200PVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200PVPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XN3		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XP3		Gas Tankless	Propane											199,000			0.82		200		4.4	84%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECO200XPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECOH200DVN		Gas Tankless	Natural Gas											199,000			0.94	158			4.9	94%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECOH200DVP		Gas Tankless	Propane											199,000			0.94		173		4.9	94%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECOH200XN		Gas Tankless	Natural Gas											199,000			0.94	159			4.9	94%											
Rheem-Ruud Manufacturing	Rheem EcoSense		ECOH200XP		Gas Tankless	Propane											199,000			0.94		175		4.9	94%											
Rheem-Ruud Manufacturing	Rheem EcoSense		HP40RUES		Heat Pump	Electric		40						4	240	2195				2			56												
Rheem-Ruud Manufacturing	Rheem EcoSense		HP50ES		Heat Pump	Electric		50	75.5		21			4	240	2195				2			67		%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74DVNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%											

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
										ES_1045829_5360623_10042012160222_8803351
		12					4/20/2012	10/4/2012	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	2/24/2009	2/24/2009	United States	
		12				5	2/24/2009	2/24/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
					10	10	9/17/2010	9/17/2010	United States	
					10	10	9/3/2009	9/3/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74DVP		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74DVPH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74DVPUH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74PVN		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74PVNH		Gas Tankless	Natural Gas											199,000			0.82	183		4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74PVNUH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74PVP		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74PVPH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74PVPUH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183		4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74XNH		Gas Tankless	Natural Gas											199,000			0.82	183		4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74XNUH		Gas Tankless	Natural Gas											199,000			0.82	183		4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74XP		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74XPH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem EcoSense		PTG-74XPUH		Gas Tankless	Propane											199,000			0.82		200	4.3		82%										
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECO200DVLN3	ECO200DVLN3		Gas Tankless	Natural Gas						5	3				199,000			0.82	183		4.4												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECO200DVLP3	ECO200DVLP3		Gas Tankless	Propane						5	3				199,000			0.82	183		4.4												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECO200XLN3	ECO200XLN3		Gas Tankless	Natural Gas						5	3				199,000			0.82	183		4.3												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECO200XLP3	ECO200XLP3		Gas Tankless	Propane						5	3				199,000			0.82	183		4.3												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH160DVLN	ECOH160DVLN		Gas Tankless	Natural Gas						3	3				0			0.92	163		3.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH160DVLP	ECOH160DVLP		Gas Tankless	Propane						3	3				0			0.92			3.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH160XLN	ECOH160XLN		Gas Tankless	Natural Gas											0			0.92	163		3.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH160XLP	ECOH160XLP		Gas Tankless	Propane											0			0.92			3.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH200DVLN	ECOH200DVLN		Gas Tankless	Natural Gas						3	3				0			0.94	159		4.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH200DVLP	ECOH200DVLP		Gas Tankless	Propane						3	3				0			0.94			4.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH200XLN	ECOH200XLN		Gas Tankless	Natural Gas											0			0.94	159		4.8												
Rheem-Ruud Manufacturing	Rheem/EcoSense	ECOH200XLP	ECOH200XLP		Gas Tankless	Propane											0			0.94			4.8												
Rheem-Ruud Manufacturing	Richmond	Richmond	12G30-60		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	Richmond		12G40-36NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Richmond		12G40-36PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Richmond		12G40-40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Richmond		12G40S-36PE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Richmond		12G40S-40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Richmond		12G50-36NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Richmond		12G50-36PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Richmond		12G50-40E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Richmond		12G50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Richmond		12G50S-36PE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Richmond		12G50S-40E2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Richmond	Richmond	6G30-60		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	Richmond		6G40-36NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Richmond		6G40-36PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Richmond		6G40-40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Richmond		6G40PDV-40		Gas Storage	Natural Gas	Power Direct Vent	40	60.3	68.5	19.8	2	3				40,000			0.67	224		73		76%										
Rheem-Ruud Manufacturing	Richmond		6G40PDVP-38		Gas Storage	Propane	Power Direct Vent	40	60.3	68.5	19.8	2	3				40,000			0.67		245	73		76%										
Rheem-Ruud Manufacturing	Richmond		6G40PV-36FN		Gas Storage	Natural Gas	Power Vent	40	60	69.75	21	2	3				36,000			0.67	224		72		79%										
Rheem-Ruud Manufacturing	Richmond		6G40S-36PE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Richmond		6G40S-40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Richmond		6G50-36NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Richmond		6G50-36PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Richmond		6G50-40E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Richmond		6G50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Richmond		6G50PDV-40		Gas Storage	Natural Gas	Power Direct Vent	50	59.4	67.6	21.8	2	3				50,000			0.67	224		93		76%										
Rheem-Ruud Manufacturing	Richmond		6G50PDVP-40		Gas Storage	Propane	Power Direct Vent	50	59.4	67.6	21.8	3	3				50,000			0.67		245	93		76%										
Rheem-Ruud Manufacturing	Richmond		6G50PV-38FN		Gas Storage	Natural Gas	Power Vent	50	59.75	69.5	23	2	3				38,000			0.67	224		94		80%										
Rheem-Ruud Manufacturing	Richmond		6G50S-36PE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Richmond		6G50S-40E2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Richmond		6GR40PV36E2		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	Richmond		6GR40PVE2-36P		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	Richmond		6GR40PVE2-36PE		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	Richmond		6GR40PVE2-40		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Richmond		6GR40PVE2-40E		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		84%										
Rheem-Ruud Manufacturing	Richmond		6GR40SPV32PE2		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	Richmond		6GR40SPVE2-32P		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	Richmond		6GR40SPVE2-36		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	Richmond		6GR50PV36E2		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	Richmond		6GR50PVE2-42		Gas Storage	Natural Gas	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	Richmond		6GR50PVE2-42E		Gas Storage	Natural Gas	Power Vent	50	59	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	Richmond		6GR50PVE2-42P		Gas Storage	Propane	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	Richmond		6GR50PVE2-42PE		Gas Storage	Propane	Power Vent	50	59	66.38	21.75	2	3				42,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	Richmond		6GR50SPV32PE2		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	Richmond		6GR50SPVE2-32P		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	Richmond		6GR50SPVE2-36		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	Richmond	High efficency condensing storage water heater	6RHE40S		Gas Storage	Natural Gas		38	51	62.3	22.1	2	3				40,000,000			0.8	187		74												
Rheem-Ruud Manufacturing	Richmond	High efficency condensing storage water heater	6RHE40SP		Gas Storage	Propane		38	51	62.3	22.1	2	3				36,000,000			0.8	205		74												
Rheem-Ruud Manufacturing	Richmond	High efficency condensing storage water heater	6RHE50		Gas Storage	Natural Gas		48	59.6	71	22.1	2	3				40,000,000			0.8	187		93												
Rheem-Ruud Manufacturing	Richmond	High efficency condensing storage water heater	6RHE50P		Gas Storage	Propane		48	59.6	71	22.1	2	3				36,000,000			0.8	205		93												
Rheem-Ruud Manufacturing	Richmond		9G40-36NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Richmond		9G40-36PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Richmond		9G40-40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769503_10042012155110_4918843
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769504_10042012155110_0598636
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769523_10042012155110_7892796
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769524_10042012155110_0422269
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360608_10042012155736_0608934
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360609_10042012155736_7249494
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360929_10042012155736_5648247
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360932_10042012155736_5334567
		12					4/20/2012	10/4/2012	United States	ES_1045829_5358856_10042012155736_8949000
		12					4/20/2012	10/4/2012	United States	ES_1045829_5358858_10042012155736_5916360
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360632_10042012155736_7465433
		12					4/20/2012	10/4/2012	United States	ES_1045829_5361128_10042012155736_7373993
							6/20/2011	10/4/2012	United States	ES_1045829_4663092_10042012155106_0498939
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
							6/20/2011	10/4/2012	United States	ES_1045829_4663043_10042012155107_4352242
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	4/30/2010	4/30/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	4/30/2010	4/30/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6		10/18/2010	United States	
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_6086489
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_6372552
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_7226572
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_2936266
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Rheem-Ruud Manufacturing	Richmond		9G40S-36PE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Richmond		9G40S-40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Richmond		9G50-36NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Richmond		9G50-36PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Richmond		9G50-40E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Richmond		9G50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Richmond		9G50S-36PE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Richmond		9G50S-40E2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53DVNHA		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53DVPHA		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53PVNH		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53PVPH		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74PVNHA		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74PVPHA		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		CRMTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		HP40RM		Heat Pump	Electric		40						4	240	2195				2			56												
Rheem-Ruud Manufacturing	Richmond		HP50RM		Heat Pump	Electric		50	75.5		21			4	240	2195				2			67		%										
Rheem-Ruud Manufacturing	Richmond		RMS120-64BP		Solar with Electric Backup			120						4.5		1371										Indirect Forced Circulation	Flat Plate	64	0.6	3.2					
Rheem-Ruud Manufacturing	Richmond		RMS80-48BP		Solar with Electric Backup			80						4.5		1687										Indirect Forced Circulation	Flat Plate	48	0.6	2.6					
Rheem-Ruud Manufacturing	Richmond		RMTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG64DVN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG64DVP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG64XN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG64XP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-66DVN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-66DVP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-66XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-66XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74DVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74DVNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74DVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74DVPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74PVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74PVNH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74PVNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74PVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74PVPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74XNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74XNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74XPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG-74XPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG84DVN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG84DVP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG84XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Richmond		RMTG84XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Richmond	RMTG95DVLN	RMTG95DVLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Richmond	RMTG95DVLP	RMTG95DVLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Richmond		RMTG95DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	199%										
Rheem-Ruud Manufacturing	Richmond		RMTG95DVP		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Rheem-Ruud Manufacturing	Richmond	RMTG95XLN	RMTG95XLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Richmond	RMTG95XLP	RMTG95XLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Richmond		RMTG95XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Rheem-Ruud Manufacturing	Richmond		RMTG95XP		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Rheem-Ruud Manufacturing	Richmond	RMTGH84DVLN	RMTGH84DVLN		Gas Tankless	Natural Gas						3	3				0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Richmond	RMTGH84DVLP	RMTGH84DVLP		Gas Tankless	Propane						3	3				0			0.92				3.8											
Rheem-Ruud Manufacturing	Richmond	RMTGH84XLN	RMTGH84XLN		Gas Tankless	Natural Gas											0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Richmond	RMTGH84XLP	RMTGH84XLP		Gas Tankless	Propane											0			0.92				3.8											
Rheem-Ruud Manufacturing	Richmond	RMTGH95DVLN	RMTGH95DVLN		Gas Tankless	Natural Gas						3	3				0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Richmond	RMTGH95DVLP	RMTGH95DVLP		Gas Tankless	Propane						3	3				0			0.94				4.8											
Rheem-Ruud Manufacturing	Richmond		RMTGH95DVN		Gas Tankless	Natural Gas											199,000			0.94	158			4.9	94%										
Rheem-Ruud Manufacturing	Richmond		RMTGH95DVP		Gas Tankless	Propane											199,000			0.94		173		4.9	94%										
Rheem-Ruud Manufacturing	Richmond	RMTGH95XLN	RMTGH95XLN		Gas Tankless	Natural Gas											0			0.94	159			4.8											

ty y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
					10	10	9/17/2010	9/17/2010	United States	
					10	10	9/3/2009	9/3/2009	United States	
			10	2	6	1	7/31/2009	7/31/2009	United States	
			10	2	6	1	7/31/2009	7/31/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769507_10042012160220_0580246
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769508_10042012160220_5913639
		12				5	12/29/2009	12/29/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769527_10042012160220_1057479
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769528_10042012160220_0763432
		12				5	12/29/2009	12/29/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360610_10042012160220_4580472
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360611_10042012160221_6511723
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360933_10042012160221_9694796
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360934_10042012160221_5374589
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360181_10042012160221_3100109
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360182_10042012160221_5936749
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360638_10042012160221_0531582

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Rheem-Ruud Manufacturing	Richmond	RMTGH95XLP	RMTGH95XLP		Gas Tankless	Propane											0			0.94				4.8											
Rheem-Ruud Manufacturing	Richmond		RMTGH95XN		Gas Tankless	Natural Gas											199,000			0.94	159			4.9	94%										
Rheem-Ruud Manufacturing	Richmond		RMTGH95XP		Gas Tankless	Propane											199,000			0.94		175		4.9	94%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74PVNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74PVNUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74PVPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74PVPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74XNH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74XNUH		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74XPH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Richmond		RMTGL74XPUH		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		HP40RU		Heat Pump	Electric		40						4	240	2195				2			56												
Rheem-Ruud Manufacturing	Ruud		HP50RU		Heat Pump	Electric		50	75.5		21			4	240	2195				2			67		%										
Rheem-Ruud Manufacturing	Ruud		M40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Ruud		M40NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Ruud		M40PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Ruud		M40SE2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Ruud		M40SPE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Ruud		M50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Ruud		M50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Ruud		M50NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Ruud		M50PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Ruud		M50SE2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Ruud		M50SPE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Ruud	Ruud	P30-60		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	Ruud		P40E2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Ruud		P40NE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Ruud		P40PE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Ruud		P40PROE2		Gas Storage	Natural Gas	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69	217		68		81%										
Rheem-Ruud Manufacturing	Ruud		P40PRONE2		Gas Storage	Natural Gas	Atmospheric Vent	36	60	65	21	3	4				36,000			0.68	220		71		80%										
Rheem-Ruud Manufacturing	Ruud		P40PROPE2		Gas Storage	Propane	Atmospheric Vent	40	57.75	62.75	19.75	3	4				40,000			0.69		238	68		81%										
Rheem-Ruud Manufacturing	Ruud		P40PROSE2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Ruud		P40PROSPE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Ruud		P40SE2		Gas Storage	Natural Gas	Atmospheric Vent	40	50.5	52.2	21.75	3					40,000			0.67	224		72		78%										
Rheem-Ruud Manufacturing	Ruud		P40SPE2		Gas Storage	Propane	Atmospheric Vent	40	50.5	52.2	21.75	3					36,000			0.67		245	72		78%										
Rheem-Ruud Manufacturing	Ruud		P50-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Ruud		P50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Ruud		P50NE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Ruud		P50PE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Ruud		P50PRO-50E2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	59.7	21.75	4					50,000			0.67	224		87		80%										
Rheem-Ruud Manufacturing	Ruud		P50PROE2		Gas Storage	Natural Gas	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67	224		84		81%										
Rheem-Ruud Manufacturing	Ruud		P50PRONE2		Gas Storage	Natural Gas	Atmospheric Vent	48	59.75	64.75	23	3	4				36,000			0.68	220		93		83%										
Rheem-Ruud Manufacturing	Ruud		P50PROPE2		Gas Storage	Propane	Atmospheric Vent	50	58	63	21.75	3	4				40,000			0.67		245	84		81%										
Rheem-Ruud Manufacturing	Ruud		P50PROSE2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Ruud		P50PROSPE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Ruud		P50SE2		Gas Storage	Natural Gas	Atmospheric Vent	50	50.5	52.2	23.75	3					40,000			0.67	224		89		79%										
Rheem-Ruud Manufacturing	Ruud		P50SPE2		Gas Storage	Propane	Atmospheric Vent	50	50.5	52.2	23.75	3					36,000			0.67		245	89		79%										
Rheem-Ruud Manufacturing	Ruud	High efficency condensing storage water heater	PHE40S		Gas Storage	Natural Gas		38	51	62.3	22.1	2	3				40,000,000			0.8	187		74												
Rheem-Ruud Manufacturing	Ruud	High efficency condensing storage water heater	PHE40SP		Gas Storage	Propane		38	51	62.3	22.1	2	3				36,000,000			0.8	205		74												
Rheem-Ruud Manufacturing	Ruud	High efficency condensing storage water heater	PHE50		Gas Storage	Natural Gas		48	59.6	71	22.1	2	3				40,000,000			0.8	187		93												
Rheem-Ruud Manufacturing	Ruud	High efficency condensing storage water heater	PHE50P		Gas Storage	Propane		48	59.6	71	22.1	2	3				36,000,000			0.8	205		93												
Rheem-Ruud Manufacturing	Ruud		PVP40E2		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Ruud		PVP40E2-E		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Ruud		PVP40FN		Gas Storage	Natural Gas	Power Vent	40	60	69.75	21	2	3				36,000			0.67	224		72		79%										
Rheem-Ruud Manufacturing	Ruud		PVP40PE2		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	Ruud		PVP40PE2-E		Gas Storage	Propane	Power Vent	40	59	67.35	19.75	2	3				36,000			0.67		225	68		82%										
Rheem-Ruud Manufacturing	Ruud		PVP40SE2		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	Ruud		PVP40SE2-E		Gas Storage	Natural Gas	Power Vent	40	51.25	62.5	21.75	2	3				36,000			0.67	224		71		81%										
Rheem-Ruud Manufacturing	Ruud		PVP40SPE2		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	Ruud		PVP40SPE2-E		Gas Storage	Propane	Power Vent	40	51.25	62.5	21.75	2	3				32,000			0.67		245	73		81%										
Rheem-Ruud Manufacturing	Ruud		PVP50E2		Gas Storage	Natural Gas	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	Ruud		PVP50E2-E		Gas Storage	Natural Gas	Power Vent	50	59	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	Ruud		PVP50FN		Gas Storage	Natural Gas	Power Vent	50	59.75	69.5	23	2	3				38,000			0.67	224		94		80%										
Rheem-Ruud Manufacturing	Ruud		PVP50PE2		Gas Storage	Propane	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	Ruud		PVP50PE2-E		Gas Storage	Propane	Power Vent	50	59	66.38	21.75	2	3				42,000			0.67		225	87		84%										
Rheem-Ruud Manufacturing	Ruud		PVP50SE2		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	Ruud		PVP50SE2-E		Gas Storage	Natural Gas	Power Vent	50	51.25	62.5	23.75	2	3				36,000			0.67	224		85		81%										
Rheem-Ruud Manufacturing	Ruud		PVP50SPE2		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	Ruud		PVP50SPE2-E		Gas Storage	Propane	Power Vent	50	51.25	62.5	23.75	2	3				32,000			0.67		245	87		81%										
Rheem-Ruud Manufacturing	Ruud		RU PDV40		Gas Storage	Natural Gas	Power Direct Vent	40	60.3	68.5	19.8	2	3				40,000			0.67	224		73		76%										
Rheem-Ruud Manufacturing	Ruud		RU PDV40P		Gas Storage	Propane	Power Direct Vent	40	60.3	68.5	19.8	2	3				40,000			0.67		245	73		76%										
Rheem-Ruud Manufacturing	Ruud		RU PDV50		Gas Storage	Natural Gas	Power Direct Vent	50	59.4	67.6	21.8	2	3				50,000			0.67	224		93		76%										
Rheem-Ruud Manufacturing	Ruud		RU PDV50P		Gas Storage	Propane	Power Direct Vent	50	59.4	67.6	21.8	3	3				50,000			0.67		245	93		76%										
Rheem-Ruud Manufacturing	Ruud	Ruud	RUPRO30-60		Gas Storage	Natural Gas		29	59	63.5	17.7	3	4				60,000			0.7	214		90												
Rheem-Ruud Manufacturing	Ruud		RUS120-64BP		Solar with Electric Backup			120						4.5		1371										Indirect Forced Circulation	Flat Plate	64	0.6	3.2					
Rheem-Ruud Manufacturing	Ruud		RUS80-48BP		Solar with Electric Backup			80						4.5		1687										Indirect Forced Circulation	Flat Plate	48	0.6	2.6					
Rheem-Ruud Manufacturing	Ruud		RUTG-53DVN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-53DVP		Gas Tankless	Propane											135,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-53PVN		Gas Tankless	Natural Gas											145,000			0.82	183			3.1	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-53PVP		Gas Tankless	Propane											141,000			0.82		200		3.1	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-53XN		Gas Tankless	Natural Gas											141,000			0.82	183			3	82%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
										ES_1045829_5360641_10042012160221_9237502
		12					4/20/2012	10/4/2012	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
					10	10	9/17/2010	9/17/2010	United States	
					10	10	9/3/2009	9/3/2009	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
							6/20/2011	10/16/2012	United States	ES_1045829_10162012144037_6411480
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/18/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6		10/15/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
					6	6	9/23/2010	9/23/2010	United States	
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_4217862
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_8537686
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_3243079
							1/1/2013	11/15/2012	United States	ES_1045829_11152012095605_1176012
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	4/30/2010	4/30/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	4/30/2010	4/30/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6		10/18/2010	United States	
					6	6		10/18/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	10/26/2010	10/26/2010	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
					6	6	12/2/2009	12/2/2009	United States	
							6/20/2011	10/4/2012	United States	ES_1045829_4606197_10042012160222_1659624
			10	2	6	1	7/31/2009	7/31/2009	United States	
			10	2	6	1	7/31/2009	7/31/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	
		12				5	1/8/2009	1/8/2009	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Rheem-Ruud Manufacturing	Ruud		RUTG-53XP		Gas Tankless	Propane											141,000			0.82		200		3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-64DVN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-64DVP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-64XN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-64XP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-66DVN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-66DVP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-66XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-66XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-74PVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-84DVN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-84DVP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-84XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Ruud		RUTG-84XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Ruud	RUTGH-95DVLN	RUTG-95DVLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Ruud	RUTG-95DVLP	RUTG-95DVLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Ruud		RUTG-95DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Rheem-Ruud Manufacturing	Ruud		RUTG-95DVP		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Rheem-Ruud Manufacturing	Ruud	RUTG-95XLN	RUTG-95XLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Ruud	RUTG-95XLP	RUTG-95XLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Ruud		RUTG-95XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.4	84%										
Rheem-Ruud Manufacturing	Ruud		RUTG-95XP		Gas Tankless	Propane											199,000			0.82		200		4.4	84%										
Rheem-Ruud Manufacturing	Ruud	RUTGH-84DVLN	RUTGH-84DVLN		Gas Tankless	Natural Gas						3	3				0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Ruud	RUTGH-84DVLP	RUTGH-84DVLP		Gas Tankless	Propane						3	3				0			0.92				3.8											
Rheem-Ruud Manufacturing	Ruud	RUTGH-84XLN	RUTGH-84XLN		Gas Tankless	Natural Gas											0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Ruud	RUTGH-84XLP	RUTGH-84XLP		Gas Tankless	Propane											0			0.92				3.8											
Rheem-Ruud Manufacturing	Ruud	RUTGH-95DVLN	RUTGH-95DVLN		Gas Tankless	Natural Gas						3	3				0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Ruud	RUTGH-95DVLP	RUTGH-95DVLP		Gas Tankless	Propane						3	3				0			0.94				4.8											
Rheem-Ruud Manufacturing	Ruud		RUTGH-95DVN		Gas Tankless	Natural Gas											199,000			0.94	158			4.9	94%										
Rheem-Ruud Manufacturing	Ruud		RUTGH-95DVP		Gas Tankless	Propane											199,000			0.94		173		4.9	94%										
Rheem-Ruud Manufacturing	Ruud	RUTGH-95XLN	RUTGH-95XLN		Gas Tankless	Natural Gas											0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Ruud	RUTGH-95XLP	RUTGH-95XLP		Gas Tankless	Propane											0			0.94				4.8											
Rheem-Ruud Manufacturing	Ruud		RUTGH-95XN		Gas Tankless	Natural Gas											199,000			0.94	159			4.9	94%										
Rheem-Ruud Manufacturing	Ruud		RUTGH-95XP		Gas Tankless	Propane											199,000			0.94		175		4.9	94%										
Rheem-Ruud Manufacturing	Ruud		RUTGL74DVN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTGL74DVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTGL74PVN		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTGL74PVP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTGL74XN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rheem-Ruud Manufacturing	Ruud		RUTGL74XP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rheem-Ruud Manufacturing	Solahart		270SL-2Bt		Solar with Electric Backup											1687									Direct Forced Circulation	Flat Plate	42.7	0.65	2.6	41	71	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		270SL-2L		Solar with Electric Backup											2437									Direct Forced Circulation	Flat Plate	42.7	0.5	1.8	41	71	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		270SL-3Bt		Solar with Electric Backup											719									Direct Forced Circulation	Flat Plate	64	0.85	6.1	41	71	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		270SL-3L		Solar with Electric Backup											1828									Direct Forced Circulation	Flat Plate	64	0.63	2.4	41	71	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		303J Free Heat		Solar with Electric Backup											2437									Indirect Thermosyphon	Flat Plate	64	0.5	1.8	19	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		303KF Free Heat		Solar with Electric Backup											1908									Indirect Thermosyphon	Flat Plate	64	0.61	2.3	19	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		303L		Solar with Electric Backup											1994									Direct Thermosyphon	Flat Plate	64	0.59	2.2	41	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		340SL-2Bt		Solar with Electric Backup											1755									Direct Forced Circulation	Flat Plate	42.7	0.64	2.5	41	90	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		340SL-2L		Solar with Electric Backup											2437									Direct Forced Circulation	Flat Plate	42.7	0.5	1.8	41	90	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		340SL-3Bt		Solar with Electric Backup											828									Direct Forced Circulation	Flat Plate	64	0.83	5.3	41	90	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		340SL-3L		Solar with Electric Backup											1908									Direct Forced Circulation	Flat Plate	64	0.61	2.3	41	90	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		430SL-2Bt		Solar with Electric Backup											1828									Direct Forced Circulation	Flat Plate	42.7	0.63	2.4	41	114	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		430SL-3Bt		Solar with Electric Backup											1994									Direct Forced Circulation	Flat Plate	64	0.59	2.2	41	114	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		430SL-3L		Solar with Electric Backup											1994									Direct Forced Circulation	Flat Plate	64	0.59	2.2	41	114	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		443KF Free Heat		Solar with Electric Backup											2194									Indirect Thermosyphon	Flat Plate	64	0.55	2	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		443L		Solar with Electric Backup											2309									Direct Thermosyphon	Flat Plate	64	0.53	1.9	41	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		444J Free Heat		Solar with Electric Backup											2309									Indirect Thermosyphon	Flat Plate	85.4	0.53	1.9	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		444KF Free Heat		Solar with Electric Backup											1513									Indirect Thermosyphon	Flat Plate	85.4	0.69	2.9	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		444L		Solar with Electric Backup											1908									Direct Thermosyphon	Flat Plate	85.4	0.61	2.3	41	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		ASE 302KF Free Heat		Solar with Electric Backup											2309									Indirect Thermosyphon	Flat Plate	42.7	0.53	1.9	19	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		ASE 303J Free Heat		Solar with Electric Backup											2309									Indirect Thermosyphon	Flat Plate	64	0.53	1.9	19	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		ASE 303KF Free Heat		Solar with Electric Backup											1828									Indirect Thermosyphon	Flat Plate	64	0.63	2.4	19	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		ASE 303L		Solar with Electric Backup											2089									Direct Thermosyphon	Flat Plate	64	0.57	2.1	41	80	Tank	0	2.4
Rheem-Ruud Manufacturing	Solahart		ASE 443J Free Heat		Solar with Electric Backup											2309									Indirect Thermosyphon	Flat Plate	64	0.53	1.9	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		ASE 443KF Free Heat		Solar with Electric Backup											1908									Indirect Thermosyphon	Flat Plate	64	0.61	2.3	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		ASE 443L		Solar with Electric Backup											2194									Direct Thermosyphon	Flat Plate	64	0.55	2	41	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		ASE 444J Free Heat		Solar with Electric Backup											2089									Indirect Thermosyphon	Flat Plate	85.4	0.57	2.1	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		ASE 444KF Free Heat		Solar with Electric Backup											1513									Indirect Thermosyphon	Flat Plate	85.4	0.69	2.9	19	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Solahart		ASE 444L		Solar with Electric Backup											1908									Direct Thermosyphon	Flat Plate	85.4	0.61	2.3	41	116	Tank	0	4.8
Rheem-Ruud Manufacturing	Sure Comfort	SCT200DVLN	SCT200DVLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Sure Comfort	SCT200DVLP	SCT200DVLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	Sure Comfort	SCT200XLN	SCT200XLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Sure Comfort	SCT200XLP	SCT200XLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	Sure Comfort		SCT64DVN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Sure Comfort		SCT64DVP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										
Rheem-Ruud Manufacturing	Sure Comfort		SCT64XN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	82%										
Rheem-Ruud Manufacturing	Sure Comfort		SCT64XP		Gas Tankless	Propane											150,000			0.82		200		3.3	82%										

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	1/9/2009	1/9/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/9/2009	1/9/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769511_10042012160222_8110697
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769512_10042012160222_5731657
		12				5	12/29/2009	12/29/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769531_10042012160222_5868970
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769532_10042012160223_1826381
		12				5	12/29/2009	12/29/2009	United States	
		12				5	12/29/2009	12/29/2009	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360612_10042012160223_7074814
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360613_10042012160223_3937614
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360935_10042012160223_8532447
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360936_10042012160223_8545567
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360183_10042012160223_9663280
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360184_10042012160223_8264640
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5361124_10042012160223_9709153
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360645_10042012160223_2441233
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/8/2009	1/11/2009	United States	
		12				5	1/11/2009	1/11/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
		12				5	1/12/2009	1/12/2009	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	6	2	9/29/2010	9/29/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/29/2010	9/29/2010	United States	
			10	2	10	5	9/29/2010	9/29/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/29/2010	9/29/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
			10	2	10	5	9/29/2010	9/29/2010	United States	
			10	2	10	5	9/28/2010	9/28/2010	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769513_10042012160223_2905346
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769514_10042012160224_2666677
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769533_10042012160224_7692870
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769534_10042012160224_8032790
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
Rheem-Ruud Manufacturing	Sure Comfort		SCT84DVN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rheem-Ruud Manufacturing	Sure Comfort		SCT84DVP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rheem-Ruud Manufacturing	Sure Comfort		SCT84XN		Gas Tankless	Natural Gas											180,000			0.82	183			4	82%										
Rheem-Ruud Manufacturing	Sure Comfort		SCT84XP		Gas Tankless	Propane											180,000			0.82		200		4	82%										
Rheem-Ruud Manufacturing	Sure Comfort	SCTH160DVLN	SCTH160DVLN		Gas Tankless	Natural Gas						3	3				0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Sure Comfort	SCTH160DVLP	SCTH160DVLP		Gas Tankless	Propane						3	3				0			0.92				3.8											
Rheem-Ruud Manufacturing	Sure Comfort	SCTH160XLN	SCTH160XLN		Gas Tankless	Natural Gas											0			0.92	163			3.8											
Rheem-Ruud Manufacturing	Sure Comfort	SCTH160XLP	SCTH160XLP		Gas Tankless	Propane											0			0.92				3.8											
Rheem-Ruud Manufacturing	Sure Comfort	SCTH200DVLN	SCTH200DVLN		Gas Tankless	Natural Gas						3	3				0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Sure Comfort	SCT200DVLP	SCTH200DVLP		Gas Tankless	Propane						3	3				0			0.94				4.8											
Rheem-Ruud Manufacturing	Sure Comfort		SCTH200DVN		Gas Tankless	Natural Gas											199,000			0.94	158			4.9	94%										
Rheem-Ruud Manufacturing	Sure Comfort		SCTH200DVP		Gas Tankless	Propane											199,000			0.94		173		4.9	94%										
Rheem-Ruud Manufacturing	Sure Comfort	SCTH200XLN	SCTH200XLN		Gas Tankless	Natural Gas											0			0.94	159			4.8											
Rheem-Ruud Manufacturing	Sure Comfort	SCTH200XLP	SCTH200XLP		Gas Tankless	Propane											0			0.94				4.8											
Rheem-Ruud Manufacturing	Sure Comfort		SCTH200XN		Gas Tankless	Natural Gas											199,000			0.94	159			4.9	94%										
Rheem-Ruud Manufacturing	Sure Comfort		SCTH200XP		Gas Tankless	Propane											199,000			0.94		175		4.9	94%										
Rheem-Ruud Manufacturing	Vanguard		6FGV1		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Vanguard		6FGV2		Gas Storage	Natural Gas	Power Vent	50	59	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	Vanguard		6FGV3		Gas Storage	Natural Gas	Power Vent	40	59	67.35	19.75	2	3				40,000			0.67	224		68		82%										
Rheem-Ruud Manufacturing	Vanguard		6FGV4		Gas Storage	Natural Gas	Power Vent	50	58	66.38	21.75	2	3				42,000			0.67	224		87		84%										
Rheem-Ruud Manufacturing	WaiWela	PH2-28RDVSLN	PH2-28RDVSLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	WaiWela	PH2-28RDVSLP	PH2-28RDVSLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.4											
Rheem-Ruud Manufacturing	WaiWela	PH2-28ROFLN	PH2-28ROFLN		Gas Tankless	Natural Gas						5	3				199,000			0.82	183			4.3											
Rheem-Ruud Manufacturing	WaiWela	PH2-28ROFLP	PH2-28ROFLP		Gas Tankless	Propane						5	3				199,000			0.82	183			4.3											
Rinnai America Corporation	Jacuzzi		J-SN180F		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	81%										
Rinnai America Corporation	Jacuzzi		J-SN180F		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rinnai America Corporation	Jacuzzi		J-SN199F		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
Rinnai America Corporation	Jacuzzi		J-SN199W		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rinnai America Corporation	Jacuzzi		J-SP180F		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rinnai America Corporation	Jacuzzi		J-SP180W		Gas Tankless	Propane											180,000			0.82		200		3.9	81%										
Rinnai America Corporation	Jacuzzi		J-SP199F		Gas Tankless	Propane											199,000			0.82		200		4.3	83%										
Rinnai America Corporation	Jacuzzi		J-SP199W		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rinnai America Corporation	Rinnai		R50LSIN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	83%										
Rinnai America Corporation	Rinnai		R50LSIP		Gas Tankless	Propane											150,000			0.82		200		3.3	83%										
Rinnai America Corporation	Rinnai		R63LSe2		Gas Tankless	Propane											150,000			0.82		200		3.3	83%										
Rinnai America Corporation	Rinnai		R63LSe2		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	83%										
Rinnai America Corporation	Rinnai		R75LSeN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	81%										
Rinnai America Corporation	Rinnai		R75LSeP		Gas Tankless	Propane											180,000			0.82		200		3.9	81%										
Rinnai America Corporation	Rinnai		R75LSIN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rinnai America Corporation	Rinnai		R75LSIP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rinnai America Corporation	Rinnai		R94LSeN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rinnai America Corporation	Rinnai		R94LSeP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rinnai America Corporation	Rinnai		R94LSIN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
Rinnai America Corporation	Rinnai		R94LSIP		Gas Tankless	Propane											199,000			0.82		200		4.3	83%										
Rinnai America Corporation	Rinnai		RC80eN		Gas Tankless	Natural Gas											157,000			0.93	161			3.9	94%										
Rinnai America Corporation	Rinnai		RC80eP		Gas Tankless	Propane											157,000			0.93	161			3.9	94%										
Rinnai America Corporation	Rinnai		RC80HPe		Gas Tankless	Natural Gas											157,000			0.93	161			3.9	94%										
Rinnai America Corporation	Rinnai		RC80HPe		Gas Tankless	Propane											157,000			0.93		176		3.9	94%										
Rinnai America Corporation	Rinnai		RC80HPi		Gas Tankless	Natural Gas											157,000			0.93	161			3.9	94%										
Rinnai America Corporation	Rinnai		RC80HPi		Gas Tankless	Propane											157,000			0.93		176		3.9	94%										
Rinnai America Corporation	Rinnai		RC80iN		Gas Tankless	Natural Gas											157,000			0.93	161			3.9	94%										
Rinnai America Corporation	Rinnai		RC80iP		Gas Tankless	Propane											157,000			0.93		176		3.9	94%										
Rinnai America Corporation	Rinnai		RC98eN		Gas Tankless	Natural Gas											199,000			0.93	161			5	94%										
Rinnai America Corporation	Rinnai		RC98eP		Gas Tankless	Propane											199,000			0.93		176		5	94%										
Rinnai America Corporation	Rinnai		RC98HPe		Gas Tankless	Natural Gas											199,000			0.93	161			5	94%										
Rinnai America Corporation	Rinnai		RC98HPe		Gas Tankless	Propane											199,000			0.93		176		5	94%										
Rinnai America Corporation	Rinnai		RC98HPi		Gas Tankless	Natural Gas											199,000			0.93	161	176		5	94%										
Rinnai America Corporation	Rinnai		RC98HPi		Gas Tankless	Propane											199,000			0.93		176		5	94%										
Rinnai America Corporation	Rinnai		RC98iN		Gas Tankless	Natural Gas											199,000			0.93	161	176		5	94%										
Rinnai America Corporation	Rinnai		RC98iP		Gas Tankless	Propane											199,000			0.93		176		5	94%										
Rinnai America Corporation	Rinnai	RU80i(N,P)	REU-KB2530FFUD-US		Gas Tankless	Propane, Natural Gas											157,000			0.96	161		270	4.5											
Rinnai America Corporation	Rinnai	RU80e(N,P)	REU-KB2530WD-US		Gas Tankless	Propane, Natural Gas											157,000			0.96	161		270	4.5											
Rinnai America Corporation	Rinnai	RU98i(N,P)	REU-KB3237FFUD-US		Gas Tankless	Propane, Natural Gas											199,000			0.95	161		294	4.9											
Rinnai America Corporation	Rinnai	RU98e(N,P)	REU-KB3237WD-US		Gas Tankless	Propane, Natural Gas											199,000			0.95	161		294	4.9											
Rinnai America Corporation	Rinnai	V65i(N,P)	REU-VC2025FFU-US		Gas Tankless	Propane, Natural Gas											150,000			0.82	183		180	3											
Rinnai America Corporation	Rinnai	V65e(N,P)	REU-VC2025W-US		Gas Tankless	Propane, Natural Gas											150,000			0.82	183		180	3											
Rinnai America Corporation	Rinnai	RL75i(N,P)	REU-VC2528FFUD-US		Gas Tankless	Propane, Natural Gas											180,000			0.82	183		234	3.9											
Rinnai America Corporation	Rinnai	V75i(N,P)	REU-VC2528FFU-US		Gas Tankless	Propane, Natural Gas											180,000			0.82	183		234	3.9											

ry y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12				5	3/26/2010	3/26/2010	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360614_10042012160224_7634183
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360615_10042012160224_7013338
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360937_10042012160224_8765016
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360938_10042012160224_9882729
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360199_10042012160224_6640969
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360200_10042012160224_0909002
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360922_10042012160224_3418842
		12					4/20/2012	10/4/2012	United States	ES_1045829_5360921_10042012160224_5294715
		12				5	9/27/2010	9/27/2010	United States	
		12				5	9/27/2010	9/27/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
					6	6	9/24/2010	9/24/2010	United States	
					6	6	9/26/2010	9/26/2010	United States	
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769517_10042012160217_8843758
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769518_10042012160218_2853489
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769537_10042012160218_8873202
		12					11/1/2011	10/4/2012	United States	ES_1045829_4769538_10042012160218_6631475
		12				5	12/16/2008	8/11/2011	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	8/12/2009	8/12/2009	United States	
		12				5	8/12/2009	8/12/2009	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12				5	8/11/2009	8/11/2009	United States	
		12					4/23/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5009722_10042012160219_6046891
		12					4/23/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5009721_10042012160219_1295324
		12					4/23/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5009724_10042012160219_5112364
		12					4/23/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5009723_10042012160219_0687597
		12					5/25/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5211507_10042012160219_8654990
		12					5/25/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5211508_10042012160219_0733470
		12					3/15/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5035304_10042012160219_2177983
		12					4/8/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5211505_10042012160219_2844703

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxiliary Tank Input (k
Rinnai America Corporation	Rinnai	RL75e(N,P)	REU-VC2528WD-US		Gas Tankless	Propane, Natural Gas											180,000			0.82	183		234	3.9											
Rinnai America Corporation	Rinnai	V75e(N,P)	REU-VC2528W-US		Gas Tankless	Propane, Natural Gas											180,000			0.82	183		234	3.9											
Rinnai America Corporation	Rinnai	RL98(N,P)	REU-VC2837FFUD-US		Gas Tankless	Propane, Natural Gas											199,000			0.82	183		258	4.3											
Rinnai America Corporation	Rinnai	RL98e(N,P)	REU-VC2837WD-US		Gas Tankless	Propane, Natural Gas											199,000			0.82	183		258	4.3											
Rinnai America Corporation	Rinnai		RL75eN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	81%										
Rinnai America Corporation	Rinnai		RL75eP		Gas Tankless	Propane											180,000			0.82		200		3.9	81%										
Rinnai America Corporation	Rinnai		RL75iN		Gas Tankless	Natural Gas											180,000			0.82	183			3.9	82%										
Rinnai America Corporation	Rinnai		RL75iP		Gas Tankless	Propane											180,000			0.82		200		3.9	82%										
Rinnai America Corporation	Rinnai		RL94eN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	82%										
Rinnai America Corporation	Rinnai		RL94eP		Gas Tankless	Propane											199,000			0.82		200		4.3	82%										
Rinnai America Corporation	Rinnai		RL94iN		Gas Tankless	Natural Gas											199,000			0.82	183			4.3	83%										
Rinnai America Corporation	Rinnai		RL94iP		Gas Tankless	Propane											199,000			0.82		200		4.3	83%										
Rinnai America Corporation	Rinnai		RV53eN		Gas Tankless	Natural Gas											120,000			0.82	183			2.6	83%										
Rinnai America Corporation	Rinnai		RV53eP		Gas Tankless	Propane											120,000			0.82		200		2.6	83%										
Rinnai America Corporation	Rinnai		RV53iN		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	83%										
Rinnai America Corporation	Rinnai		RV53iP		Gas Tankless	Propane											150,000			0.82		200		3.3	83%										
Rinnai America Corporation	Rinnai		V53eN		Gas Tankless	Natural Gas											120,000			0.82	183			2.6	83%										
Rinnai America Corporation	Rinnai		V53eP		Gas Tankless	Propane											120,000			0.82		200		2.6	83%										
Rinnai America Corporation	Rinnai		V53i		Gas Tankless	Natural Gas											150,000			0.82	183			3.3	83%										
Rinnai America Corporation	Rinnai		V53i		Gas Tankless	Propane											150,000			0.82		200		3.3	83%										
Schuco USA LP	Schuco USA L.P.		Premium II-70Gi		Solar with Gas Backup	Natural Gas															71					Indirect Forced Circulation	Flat Plate	58.1	0.71	2.1	-40	70	Tank	0	
Schuco USA LP	Schuco USA L.P.		Premium II- 75E		Solar with Electric Backup											5515										Indirect Forced Circulation	Flat Plate	58.1	0.8	4.4	-40	80		0	4.5
Schuco USA LP	Schuco USA L.P.		Premium II- 75G		Solar with Gas Backup	Natural Gas															100					Indirect Forced Circulation	Flat Plate	58.1	0.6	1.5	-40	75	Tank	50	
Schuco USA LP	Schuco USA L.P.		Premium III- 115E		Solar with Electric Backup											4654										Indirect Forced Circulation	Flat Plate	87.1	0.94	15.7	-40	115		0	4.5
Schuco USA LP	Schuco USA L.P.		Premium III- 115G		Solar with Gas Backup	Natural Gas															68					Indirect Forced Circulation	Flat Plate	87.1	0.73	2.2	-40	115	Tank	50	
Schuco USA LP	Schuco USA L.P.		Slimline II-70Gi		Solar with Gas Backup	Natural Gas															88					Indirect Forced Circulation	Flat Plate	49.7	0.64	1.7	-40	70	Tank	0	
Schuco USA LP	Schuco USA L.P.		Slimline II-75E		Solar with Electric Backup											6033										Indirect Forced Circulation	Flat Plate	49.7	0.73	3.3	-40	75		0	4.5
Schuco USA LP	Schuco USA L.P.		Slimline II- 75G		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	49.7	0.54	1.3	-40	75	Tank	50	
Schuco USA LP	Schuco USA L.P.		Slimline III- 115E		Solar with Electric Backup											4743										Indirect Forced Circulation	Flat Plate	74.6	0.93	12	-40	115		0	4.5
Schuco USA LP	Schuco USA L.P.		Slimline III- 115G		Solar with Gas Backup	Natural Gas															71.3					Indirect Forced Circulation	Flat Plate	74.6	0.71	2.1	-40	115	Tank	50	
solarHOt	Solvelox DB		S-SV-DB100P40		Solar with Electric Backup											2437										Direct Forced Circulation	Flat Plate	39.4	0.5	1.8	-10	80		0	4,500
solarHOt	Solvelox DB		S-SV-DB100P52		Solar with Electric Backup											1755										Direct Forced Circulation	Flat Plate	52.7	0.64	2.5	-10	80		0	4,500
solarHOt	Solvelox DB		S-SV-DB100P64		Solar with Electric Backup			80						4.5												Indirect Forced Circulation	Flat Plate	63	0.77	3.9					
solarHOt	Solvelox DB		S-SV-DB64-120		Solar with Electric Backup											1254										Direct Forced Circulation	Flat Plate	64	0.74	3.5	-10	120		0	4,500
solarHOt	Solvelox DB		S-SV-DB80-120		Solar with Electric Backup											493										Direct Forced Circulation	Flat Plate	78.7	0.9	8.9	-10	120		0	4,500
solarHOt	Solvelox DB		S-SV-DBET60		Solar with Electric Backup			80						4.5												Indirect Forced Circulation	Evacuated Tube	87	0.92	11					
solarHOt	Solvelox DB		S-SV-DBET60-120		Solar with Electric Backup			120						4.5												Indirect Forced Circulation	Evacuated Tube	87	0.92	11					
solarHOt	Solvelox DB		S-SV-DBP80G		Solar with Gas Backup	Natural Gas															2,925					Direct Forced Circulation	Flat Plate	78.7	0.6	1.5	-10	120	Tank	50	
solarHOt	Solvelox Glycol		S-SV-DBS64		Solar with Electric Backup											1755										Direct Forced Circulation	Flat Plate	64	0.64	2.5	-10	80		0	4,500
solarHOt	Solvelox Glycol		S-SV-G100ET		Solar with Electric Backup			80						4.5												Indirect Forced Circulation	Evacuated Tube	87	0.92	11.1					
solarHOt	Solvelox Glycol		S-SV-GC100P52		Solar with Electric Backup											1567										Direct Forced Circulation	Flat Plate	52.7	0.68	2.8	-30	80		0	4,500
solarHOt	Solvelox Glycol		S-SV-GC100P64		Solar with Electric Backup			80						4.5												Indirect Forced Circulation	Flat Plate	63	0.81	4.7					
solarHOt	Solvelox Glycol		S-SV-GET30		Solar with Electric Backup			80						4.5												Indirect Forced Circulation	Evacuated Tube	43	0.53	1.9					
solarHOt	Solvelox Glycol		S-SV-GP64-120		Solar with Electric Backup											1125										Direct Forced Circulation	Flat Plate	64	0.77	3.9	-30	120		0	4,500
solarHOt	Solvelox Glycol		S-SV-GP64G		Solar with Gas Backup	Natural Gas															3,134					Direct Forced Circulation	Flat Plate	64	0.57	1.4	-30	80	Tank	50	
solarHOt	Solvelox Glycol		S-SV-GP80-120		Solar with Electric Backup											434										Direct Forced Circulation	Flat Plate	78.7	0.91	10.1	-30	120		0	4,500
solarHOt	Solvelox Glycol		S-SV-GP80G		Solar with Gas Backup	Natural Gas															2,742					Direct Forced Circulation	Flat Plate	78.7	0.63	1.6	-30	120	Tank	50	
solarHOt	Solvelox Glycol		S-SV-GS40		Solar with Electric Backup											2194										Direct Forced Circulation	Flat Plate	39.4	0.55	2	-30	80		0	4,500
solarHOt	Solvelox Glycol		S-SV-GS64		Solar with Electric Backup											1687										Direct Forced Circulation	Flat Plate	32	0.65	2.6	-30	80		0	4,500
Stiebel Eltron	Stiebel Eltron		ACCELERA 300		Heat Pump	Electric		80						2.2	240	1739				2.51			78												
Stiebel Eltron	Stiebel Eltron		SOLKIT-2-ET		Solar with Electric Backup			80								3131										Direct Forced Circulation	Flat Plate	29	0.55	2					
Stiebel Eltron	Stiebel Eltron		SOLKIT-2-ETK		Solar with Electric Backup			80						4.5		3131										Direct Forced Circulation	Flat Plate	29	0.53	1.9					
Stiebel Eltron	Stiebel Eltron		SOLKIT-2-GT		Solar with Gas Backup	Natural Gas		80													106					Direct Forced Circulation	Flat Plate	29	0.63	1.6					
Stiebel Eltron	Stiebel Eltron		SOLKIT-3-ET		Solar with Electric Backup			108						24		4697										Direct Forced Circulation	Flat Plate	29	0.66	2.7					
Stiebel Eltron	Stiebel Eltron		SOLKIT-3-ETK		Solar with Electric Backup			108						4.5		4697										Direct Forced Circulation	Flat Plate	29	0.68	2.8					
Stiebel Eltron	Stiebel Eltron		SOLKIT-3-GT		Solar with Gas Backup	Natural Gas		108													160					Direct Forced Circulation	Flat Plate	29	0.73	2.2					
Stiebel Eltron	Stiebel Eltron		SOLKIT-3-GTK		Solar with Gas Backup	Natural Gas		108									40,000				160	108				Direct Forced Circulation	Flat Plate	29	0.5	1.2					
SunEarth Inc.	SunEarth		ECRD-32-120-TLG		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	32.8	0.54	1.3	-50	120	Tankless	0	
SunEarth Inc.	SunEarth		ECRD-32-80-TLG		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	32.8	0.57	1.4	-50	80	Tankless	0	
SunEarth Inc.	SunEarth		ECRD-40-120-TLG		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	40.9	0.6	1.5	-50	120	Tankless	0	
SunEarth Inc.	SunEarth		ECRD-40-80		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	40.9	0.57	2.1	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		ECRD-40-80-TLG		Solar with Gas Backup	Natural Gas															88.1					Indirect Forced Circulation	Flat Plate	40.9	0.65	1.7	-50	80	Tankless	0	
SunEarth Inc.	SunEarth		ECRD-48-120-TLG		Solar with Gas Backup	Natural Gas															82.2					Indirect Forced Circulation	Flat Plate	24.7	0.67	1.8	1	120	Tank	0	
SunEarth Inc.	SunEarth		ECRD-48-80		Solar with Electric Backup											1830										Indirect Forced Circulation	Flat Plate	49.5	0.63	2.4	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		ECRD-48-80-2		Solar with Electric Backup											2311										Indirect Forced Circulation	Flat Plate	49.5	0.53	1.9	-50	80	Tank	50	4.5
SunEarth Inc.	SunEarth		ECRD-48-80-TLG		Solar with Gas Backup	Natural Gas															78.9					Indirect Forced Circulation	Flat Plate	24.7	0.68	1.9	-50	80	Tankless	0	
SunEarth Inc.	SunEarth		ECRD-64-120-2G		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	65.7	0.54	1.3	-50	120	Tank	50	
SunEarth Inc.	SunEarth		ECRD-64-120-TLG		Solar with Gas Backup	Natural Gas															59.9					Indirect Forced Circulation	Flat Plate	32.8	0.76	2.5	-50	120	Tankless	0	
SunEarth Inc.	SunEarth		ECRD-64-80		Solar with Electric Backup											1187										Indirect Forced Circulation	Flat Plate	65.7	0.76	3.7	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		ECRD-64-80-2		Solar with Electric Backup											1756										Indirect Forced Circulation	Flat Plate	65.7	0.64	2.5	-50	80	Tank	50	4.5
SunEarth Inc.	SunEarth		ECRD-64-80-2G		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	65.7	0.57	1.4	-50	80	Tank	50	
SunEarth Inc.	SunEarth		ECRD-64-80-TLG		Solar with Gas Backup	Natural Gas															49.9					Indirect Forced Circulation	Flat Plate	32.8	0.8	3	-50	80	Tank	0	
SunEarth Inc.	SunEarth		ECRD-80-120-2G		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	81.7	0.63	1.6	-50	120	Tank	50	
SunEarth Inc.	SunEarth		ECRD-80-120-TLG		Solar with Gas Backup	Natural Gas															38.4					Indirect Forced Circulation	Flat Plate	40.9	0.85	3.9	-50	120	Tankless	0	
SunEarth Inc.	SunEarth		EPGX116-64-2		Solar with Electric Backup											2311										Indirect Thermosyphon	Flat Plate	65.7	0.53	1.9	15	116	Tank	50	4.5
SunEarth Inc.	SunEarth		EPGX116-80-2		Solar with Electric Backup											1996										Indirect Thermosyphon	Flat Plate	81.8	0.59	2.2	15	116	Tank	50	4.5
SunEarth Inc.	SunEarth		EPGX80-63-2		Solar with Electric Backup											2439										Indirect Thermosyphon	Flat Plate	73.9	0.5	1.8	15	80	Tank	20	4.5
SunEarth Inc.	SunEarth		EPGX80-64-2		Solar with Electric Backup											2311										Indirect Thermosyphon	Flat Plate	65.7	0.53	1.9	15	80	Tank	50	4.5
SunEarth Inc.	SunEarth		EPRD-40-120-TLG		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	40.9	0.6	1.5	-50	120	Tankless	0	
SunEarth Inc.	SunEarth		EPRD-40-80		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	40.9	0.55	2	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		EPRD-40-80-TLG		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	40.9	0.63	1.6	-50	80	Tankless	0	
SunEarth Inc.	SunEarth		EPRD-42-80		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	42.2	0.55	2	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		EPRD-48-120-TLG		Solar with Gas Backup	Natural Gas															88.1					Indirect Forced Circulation	Flat Plate	24.6	0.65	1.7	-50	120	Tankless	0	

ry ty)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
		12					3/15/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5035303_10042012160220_1318467
		12					4/8/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5211506_10042012160220_2638787
		12					3/15/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5035306_10042012160220_8645380
		12					3/15/2012	10/4/2012	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_97439_5035305_10042012160220_8351333
		12				5	12/16/2008	8/11/2011	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		12				5	12/16/2008	12/16/2008	United States	
		10				5	12/16/2008	12/16/2008	United States	
		10				5	12/16/2008	12/16/2008	United States	
		10				5	6/6/2010	6/6/2010	United States	
		10				5	6/6/2010	6/6/2010	United States	
		10				5	12/16/2008	12/16/2008	United States	
		10				5	12/16/2008	12/16/2008	United States	
		10				5	6/6/2010	6/6/2010	United States	
		10				5	6/6/2010	6/6/2010	United States	
	76		10	2	6	5	11/12/2010	11/12/2010	United States	
			10	2	6	1	6/8/2010	6/8/2010	United States	
	40		10	2	6	1	6/8/2010	6/8/2010	United States	
			10	2	6	1	6/8/2010	6/8/2010	United States	
	40		10	2	6	1	6/8/2010	6/8/2010	United States	
	76		10	2	6	5	11/12/2010	11/12/2010	United States	
			10	2	6	1	6/8/2010	6/8/2010	United States	
	40		10	2	6	1	6/8/2010	6/8/2010	United States	
			10	2	6	1	6/8/2010	6/8/2010	United States	
	40		10	2	6	1	6/8/2010	6/8/2010	United States	
			10	2	6	1		4/25/2011	United States	
			10	2	6	1		4/25/2011	United States	
			10	2	6	2	12/11/2009	12/11/2009	United States	
			10	2	6	1		4/25/2011	United States	
			10	2	6	1		4/25/2011	United States	
			10	2	6	2	12/11/2009	12/11/2009	United States	
			10	2	6	2	12/11/2009	12/11/2009	United States	
			10	2	6	1		4/25/2011	United States	
	40		10	2	6	1		4/15/2011	United States	
			10	2	6	1		4/25/2011	United States	
	40		10	2	6	1		4/15/2011	United States	
			10	2	6	1		4/25/2011	United States	
			10	2	6	1		4/25/2011	United States	
					10	10	9/8/2009	9/8/2009	United States	
			10	2	10	1	7/24/2009	7/24/2009	United States	
			10	2	10	1	7/24/2009	7/24/2009	United States	
			10	2	6	1	7/24/2009	7/24/2009	United States	
			10	2	10	1	7/24/2009	7/24/2009	United States	
			10	2	10	1	7/24/2009	7/24/2009	United States	
			10	2	6	1	7/24/2009	7/24/2009	United States	
			10	2	6	1	7/24/2009	7/24/2009	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
SunEarth Inc.	SunEarth		EPRD-48-80		Solar with Electric Backup											1996										Indirect Forced Circulation	Flat Plate	49.3	0.59	2.2	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		EPRD-48-80-2		Solar with Electric Backup											2439										Indirect Forced Circulation	Flat Plate	49.3	0.5	1.8	-50	80	Tank	50	4.5
SunEarth Inc.	SunEarth		EPRD-48-80-TLG		Solar with Gas Backup	Natural Gas															83.2					Indirect Forced Circulation	Flat Plate	24.6	0.67	1.8	-50	80	Tank	0	
SunEarth Inc.	SunEarth		EPRD-64-120-TLG		Solar with Gas Backup	Natural Gas															68.1					Indirect Forced Circulation	Flat Plate	32.8	0.73	2.2	-50	120	Tankless	0	
SunEarth Inc.	SunEarth		EPRD-64-80		Solar with Electric Backup											1372										Indirect Forced Circulation	Flat Plate	65.7	0.72	3.2	-50	80	Tank	0	4.5
SunEarth Inc.	SunEarth		EPRD-64-80-2		Solar with Electric Backup											1909										Indirect Forced Circulation	Flat Plate	65.7	0.61	2.3	-50	80	Tank	50	4.5
SunEarth Inc.	SunEarth		EPRD-64-80-2G		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	65.7	0.54	1.3	-50	80	Tank	50	
SunEarth Inc.	SunEarth		EPRD-64-80-TLG		Solar with Gas Backup	Natural Gas															57.6					Indirect Forced Circulation	Flat Plate	32.8	0.77	2.6	-50	80	Tank	0	
SunEarth Inc.	SunEarth		EPRD-80-120-2G		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	81.8	0.57	1.4	-50	120	Tank	50	
SunEarth Inc.	SunEarth		EPRD-80-120-TLG		Solar with Gas Backup	Natural Gas															49.9					Indirect Forced Circulation	Flat Plate	40.9	0.8	3	-50	120	Tank	0	
SunEarth Inc.	SunEarth		HX40P-80		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	40.9	0.57	2.1	-28	80	Tank	0	4.5
SunEarth Inc.	SunEarth		HX64P-120		Solar with Electric Backup											1331										Indirect Forced Circulation	Flat Plate	65.7	0.73	3.3	-28	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF40C-80S		Solar with Electric Backup											1756										Direct Forced Circulation	Flat Plate	40.9	0.64	2.5	41	80	Tank	0	4.5
SunEarth Inc.	SunEarth		NF40P-120S		Solar with Electric Backup											2091										Direct Forced Circulation	Flat Plate	40.9	0.57	2.1	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF40P-80S		Solar with Electric Backup											1909										Direct Forced Circulation	Flat Plate	40.9	0.61	2.3	41	80	Tank	0	4.5
SunEarth Inc.	SunEarth		NF48C-80S		Solar with Electric Backup											1464										Direct Forced Circulation	Flat Plate	49.5	0.7	3	41	80	Tank	0	4.5
SunEarth Inc.	SunEarth		NF48P-120S		Solar with Electric Backup											1756										Direct Forced Circulation	Flat Plate	49.3	0.64	2.5	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF48P-80S		Solar with Electric Backup											1568										Direct Forced Circulation	Flat Plate	49.3	0.68	2.8	41	80	Tank	0	4.5
SunEarth Inc.	SunEarth		NF64C-120S		Solar with Electric Backup											2311										Direct Forced Circulation	Flat Plate	65.7	0.53	1.9	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF64C-80S		Solar with Electric Backup											676										Direct Forced Circulation	Flat Plate	65.7	0.86	6.5	41	80	Tank	0	4.5
SunEarth Inc.	SunEarth		NF64P-120S		Solar with Electric Backup											1021										Direct Forced Circulation	Flat Plate	65.7	0.79	4.3	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF64P-80S		Solar with Electric Backup											878										Direct Forced Circulation	Flat Plate	65.7	0.82	5	41	80	Tank	0	4.5
SunEarth Inc.	SunEarth		NF80C-120S		Solar with Electric Backup											1689										Direct Forced Circulation	Flat Plate	81.7	0.65	2.6	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF80P-120S		Solar with Electric Backup											414										Direct Forced Circulation	Flat Plate	81.8	0.92	10.6	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF96C-120S		Solar with Electric Backup											1187										Direct Forced Circulation	Flat Plate	98.5	0.76	3.7	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		NF96P-120S		Solar with Electric Backup											235										Direct Forced Circulation	Flat Plate	98.5	0.95	18.7	41	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE32C-120-TLG		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	32.8	0.57	1.4	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE32C-80-1		Solar with Electric Backup											2311										Indirect Forced Circulation	Flat Plate	32.8	0.53	1.9	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE32C-80N-1		Solar with Electric Backup											2439										Indirect Forced Circulation	Flat Plate	32.8	0.5	1.8	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE32C-80-TLG		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	32.8	0.6	1.5	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE32C-80-TLG-PV		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	32.8	0.57	1.4	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE32P-120-TLG		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	32.8	0.57	1.4	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE32P-80-1		Solar with Electric Backup											2311										Indirect Forced Circulation	Flat Plate	32.8	0.53	1.9	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE32P-80-TLG		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	32.8	0.6	1.5	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE40C-120-1		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	40.9	0.57	2.1	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40C-120-2		Solar with Electric Backup											2311										Indirect Forced Circulation	Flat Plate	40.9	0.53	1.9	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE40C-120-PV		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	40.9	0.55	2	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40C-120-TLG		Solar with Gas Backup	Natural Gas															88.1					Indirect Forced Circulation	Flat Plate	40.9	0.65	1.7	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE40C-120-TLG-PV		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	40.9	0.63	1.6	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE40C-80-1		Solar with Electric Backup											1830										Indirect Forced Circulation	Flat Plate	40.9	0.63	2.4	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40C-80-2		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	40.9	0.55	2	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE40C-80-PV		Solar with Electric Backup											1996										Indirect Forced Circulation	Flat Plate	40.9	0.59	2.2	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40C-80-TLG		Solar with Gas Backup	Natural Gas															83.2					Indirect Forced Circulation	Flat Plate	40.9	0.67	1.8	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE40C-80-TLG-PV		Solar with Gas Backup	Natural Gas															88.1					Indirect Forced Circulation	Flat Plate	40.9	0.65	1.7	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE40P-120-1		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	40.9	0.55	2	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40P-120N-1		Solar with Electric Backup											2439										Indirect Forced Circulation	Flat Plate	40.9	0.5	1.8	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40P-120-TLG		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	40.9	0.63	1.6	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE40P-120-TLG-PV		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	40.9	0.6	1.5	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE40P-80-1		Solar with Electric Backup											1996										Indirect Forced Circulation	Flat Plate	40.9	0.59	2.2	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40P-80-2		Solar with Electric Backup											2311										Indirect Forced Circulation	Flat Plate	40.9	0.53	1.9	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE40P-80N-1		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	40.9	0.55	2	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40P-80-PV		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	40.9	0.57	2.1	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE40P-80-TLG		Solar with Gas Backup	Natural Gas															88.1					Indirect Forced Circulation	Flat Plate	40.9	0.65	1.7	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE40P-80-TLG-PV		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	40.9	0.63	1.6	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE48C-120-1		Solar with Electric Backup											1830										Indirect Forced Circulation	Flat Plate	49.5	0.63	2.4	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48C-120-2		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	49.5	0.57	2.1	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48C-120-2G		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	49.5	0.5	1.2	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE48C-120-2-PV		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	49.5	0.55	2	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48C-120-PV		Solar with Electric Backup											1909										Indirect Forced Circulation	Flat Plate	49.5	0.61	2.3	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48C-120-TLG		Solar with Gas Backup	Natural Gas															146.4					Indirect Forced Circulation	Flat Plate	49.5	0.68	1.9	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE48C-120-TLG-PV		Solar with Gas Backup	Natural Gas															83.2					Indirect Forced Circulation	Flat Plate	49.5	0.67	1.8	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE48C-80-1		Solar with Electric Backup											1568										Indirect Forced Circulation	Flat Plate	49.5	0.68	2.8	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48C-80-2		Solar with Electric Backup											1909										Indirect Forced Circulation	Flat Plate	49.5	0.61	2.3	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48C-80-2G		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	49.5	0.5	1.2	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE48C-80-2G-PV		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	49.5	0.5	1.2	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE48C-80-2-PV		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	49.5	0.57	2.1	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48C-80N-1		Solar with Electric Backup											1830										Indirect Forced Circulation	Flat Plate	49.5	0.63	2.4	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48C-80-PV		Solar with Electric Backup											1756										Indirect Forced Circulation	Flat Plate	49.5	0.64	2.5	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48C-80-TLG		Solar with Gas Backup	Natural Gas															68.1					Indirect Forced Circulation	Flat Plate	49.5	0.73	2.2	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE48C-80-TLG-PV		Solar with Gas Backup	Natural Gas															78.9					Indirect Forced Circulation	Flat Plate	49.5	0.68	1.9	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE48P-120-1		Solar with Electric Backup											1909										Indirect Forced Circulation	Flat Plate	49.3	0.61	2.3	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48P-120-2		Solar with Electric Backup											2195										Indirect Forced Circulation	Flat Plate	49.3	0.55	2	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48P-120-2-PV		Solar with Electric Backup											2311										Indirect Forced Circulation	Flat Plate	49.3	0.53	1.9	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48P-120-PV		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	49.3	0.57	2.1	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48P-120-TLG		Solar with Gas Backup	Natural Gas															83.2					Indirect Forced Circulation	Flat Plate	49.3	0.67	1.8	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE48P-120-TLG-PV		Solar with Gas Backup	Natural Gas															88.1					Indirect Forced Circulation	Flat Plate	49.3	0.65	1.7	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE48P-80-1		Solar with Electric Backup											1689										Indirect Forced Circulation	Flat Plate	49.3	0.65	2.6	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48P-80-2		Solar with Electric Backup											1996										Indirect Forced Circulation	Flat Plate	49.3	0.59	2.2	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48P-80-2G		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	49.3	0.5	1.2	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE48P-80-2-PV		Solar with Electric Backup											2091										Indirect Forced Circulation	Flat Plate	49.3	0.57	2.1	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE48P-80N-1		Solar with Electric Backup											1909										Indirect Forced Circulation	Flat Plate	49.3	0.61	2.3	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48P-80-PV		Solar with Electric Backup											1830										Indirect Forced Circulation	Flat Plate	49.3	0.63	2.4	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE48P-80-TLG		Solar with Gas Backup	Natural Gas															74.9					Indirect Forced Circulation	Flat Plate	49.3	0.7	2	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE64C-120-1		Solar with Electric Backup											1220										Indirect Forced Circulation	Flat Plate	65.7	0.75	3.6	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64C-120-2		Solar with Electric Backup											1568										Indirect Forced Circulation	Flat Plate	65.7	0.68	2.8	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64C-120-2G		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	65.7	0.57	1.4	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE64C-120-2G-PV		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	65.7	0.54	1.3	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE64C-120-2-PV		Solar with Electric Backup											1756										Indirect Forced Circulation	Flat Plate	65.7	0.64	2.5	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64C-120N-1		Solar with Electric Backup											1568										Indirect Forced Circulation	Flat Plate	65.7	0.68	2.8	-60	120	Tank	0	4.5

ry	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/11/2010	8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/10/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1		8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model List	Type	Fuel	Vent Type	Storage Volume (gallons)	Tank Height (inches)	Height to Vent (inches)	Tank Diameter (inches)	Vent Size (inches)	Vent Size 2 (inches)	Input (kW)	Volts	kWh/year	Input Rate (Thousand BTU per hour)	Thermal Efficiency* (TE)	Standby Loss*	Energy Factor	Therms/year for Natural Gas	Gallons/year for Propane	First Hour Rating (gallons per hour)	Gallons per Minute	Recovery Efficiency (%)	Solar System Type	Solar Collector Type	Solar Collector Panel Area (sq feet)	Solar Fraction (SF)	Solar Energy Factor (SEF)	Freeze Tolerance Limit (F)	Solar Tank Volume (gallons)	Solar Type of Backup	Solar Auxiliary Tank Volume (gallons)	Solar Auxilia Tank Input (k
SunEarth Inc.	SunEarth		TE64C-120N-2G		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	65.7	0.5	1.2	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE64C-120-PV		Solar with Electric Backup											1416										Indirect Forced Circulation	Flat Plate	65.7	0.71	3.1	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64C-120-TLG		Solar with Gas Backup	Natural Gas															51.7					Indirect Forced Circulation	Flat Plate	65.7	0.79	2.9	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE64C-120-TLG-PV		Solar with Gas Backup	Natural Gas															62.4					Indirect Forced Circulation	Flat Plate	65.7	0.75	2.4	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE64C-80-1		Solar with Electric Backup											934										Indirect Forced Circulation	Flat Plate	65.7	0.81	4.7	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64C-80-2		Solar with Electric Backup											1291										Indirect Forced Circulation	Flat Plate	65.7	0.74	3.4	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64C-80-2G		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	65.7	0.63	1.6	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE64C-80-2G-PV		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	65.7	0.57	1.4	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE64C-80-2-PV		Solar with Electric Backup											1514										Direct Forced Circulation	Flat Plate	65.7	0.69	2.9	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64C-80N-1		Solar with Electric Backup											1220										Indirect Forced Circulation	Flat Plate	65.7	0.75	3.6	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64C-80N-2G		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	65.7	0.5	1.2	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE64C-80-PV		Solar with Electric Backup											1156										Indirect Forced Circulation	Flat Plate	65.7	0.76	3.8	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64C-80-TLC-PV		Solar with Gas Backup	Natural Gas															51.7					Indirect Forced Circulation	Flat Plate	65.7	0.79	2.9	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE64C-80-TLG		Solar with Gas Backup	Natural Gas															40.5					Indirect Forced Circulation	Flat Plate	65.7	0.84	3.7	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE64P-120-1		Solar with Electric Backup											1372										Indirect Forced Circulation	Flat Plate	65.7	0.72	3.2	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64P-120-2		Solar with Electric Backup											1689										Indirect Forced Circulation	Flat Plate	65.7	0.65	2.6	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64P-120-2G		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	65.7	0.54	1.3	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE64P-120-2G-PV		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	65.7	0.54	1.3	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE64P-120-2-PV		Solar with Electric Backup											1830										Indirect Forced Circulation	Flat Plate	65.7	0.63	2.4	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64P-120N-1		Solar with Electric Backup											1756										Indirect Forced Circulation	Flat Plate	65.7	0.64	2.5	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64P-120N-2G		Solar with Gas Backup	Natural Gas															124.9					Indirect Forced Circulation	Flat Plate	65.7	0.5	1.2	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE64P-120-TLG		Solar with Gas Backup	Natural Gas															59.9					Indirect Forced Circulation	Flat Plate	65.7	0.76	2.5	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE64P-80-1		Solar with Electric Backup											1126										Indirect Forced Circulation	Flat Plate	65.7	0.77	3.9	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64P-80-2		Solar with Electric Backup											1464										Indirect Forced Circulation	Flat Plate	65.7	0.7	3	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64P-80-2G		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	65.7	0.6	1.5	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE64P-80-2G-PV		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	65.7	0.57	1.4	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE64P-80-2-PV		Solar with Electric Backup											1626										Indirect Forced Circulation	Flat Plate	65.7	0.67	2.7	-60	80	Tank	50	4.5
SunEarth Inc.	SunEarth		TE64P-80N-1		Solar with Electric Backup											1372										Indirect Forced Circulation	Flat Plate	65.7	0.72	3.2	-60	80	Tank	0	4.5
SunEarth Inc.	SunEarth		TE64P-80N-2G		Solar with Gas Backup	Natural Gas															115.2					Indirect Forced Circulation	Flat Plate	65.7	0.54	1.3	-60	80	Tank	50	
SunEarth Inc.	SunEarth		TE64P-80-TLC-PV		Solar with Gas Backup	Natural Gas															57.6					Indirect Forced Circulation	Flat Plate	65.7	0.77	2.6	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE64P-80-TLG		Solar with Gas Backup	Natural Gas															48.3					Indirect Forced Circulation	Flat Plate	65.7	0.81	3.1	-60	80	Tankless	0	
SunEarth Inc.	SunEarth		TE80C-120-1		Solar with Electric Backup											686										Indirect Forced Circulation	Flat Plate	81.7	0.86	6.4	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE80C-120-2		Solar with Electric Backup											1126										Indirect Forced Circulation	Flat Plate	81.7	0.77	3.9	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE80C-120-2G		Solar with Gas Backup	Natural Gas															147					Indirect Forced Circulation	Flat Plate	81.7	0.67	1.8	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE80C-120-2G-PV		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	81.7	0.6	1.5	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE80C-120-2-PV		Solar with Electric Backup											1331										Indirect Forced Circulation	Flat Plate	81.7	0.73	3.3	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE80C-120N-1		Solar with Electric Backup											1126										Indirect Forced Circulation	Flat Plate	81.7	0.77	3.9	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE80C-120N-2G		Solar with Gas Backup	Natural Gas															99.9					Indirect Forced Circulation	Flat Plate	81.7	0.6	1.5	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE80C-120-PV		Solar with Electric Backup											1021										Indirect Forced Circulation	Flat Plate	81.7	0.79	4.3	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE80C-120-TLG		Solar with Gas Backup	Natural Gas															32.6					Indirect Forced Circulation	Flat Plate	81.7	0.87	4.6	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE80C-120-TLG-PV		Solar with Gas Backup	Natural Gas															44.1					Indirect Forced Circulation	Flat Plate	81.7	0.82	3.4	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE80P-120-1		Solar with Electric Backup											976										Indirect Forced Circulation	Flat Plate	81.8	0.8	4.5	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE80P-120-2		Solar with Electric Backup											1331										Indirect Forced Circulation	Flat Plate	81.8	0.73	3.3	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE80P-120-2G		Solar with Gas Backup	Natural Gas															93.6					Indirect Forced Circulation	Flat Plate	40.9	0.63	1.6	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE80P-120-2G-PV		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	81.7	0.57	1.4	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE80P-120-2-PV		Solar with Electric Backup											1514										Indirect Forced Circulation	Flat Plate	81.8	0.69	2.9	-60	120	Tank	50	4.5
SunEarth Inc.	SunEarth		TE80P-120N-1		Solar with Electric Backup											1372										Indirect Forced Circulation	Flat Plate	81.8	0.72	3.2	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE80P-120N-2G		Solar with Gas Backup	Natural Gas															107					Indirect Forced Circulation	Flat Plate	81.8	0.57	1.4	-60	120	Tank	50	
SunEarth Inc.	SunEarth		TE80P-120-PV		Solar with Electric Backup											1220										Indirect Forced Circulation	Flat Plate	81.8	0.75	3.6	-60	120	Tank	0	4.5
SunEarth Inc.	SunEarth		TE80P-120-TLG		Solar with Gas Backup	Natural Gas															42.8					Indirect Forced Circulation	Flat Plate	81.8	0.83	3.5	-60	120	Tankless	0	
SunEarth Inc.	SunEarth		TE80P-120-TLG-PV		Solar with Gas Backup	Natural Gas															53.5					Indirect Forced Circulation	Flat Plate	81.8	0.79	2.8	-60	120	Tankless	0	
Takagi Industrial Co. USA Inc.	Takagi		Flash T-H1		Gas Tankless	Natural Gas											199,000			0.92	164			4.6	92%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-H1		Gas Tankless	Propane											190,000			0.94		175		4.9	94%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3		Gas Tankless	Natural Gas											199,000			0.84	181			4.2	83%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3		Gas Tankless	Propane											199,000			0.86		194		4.4	85%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3-OS		Gas Tankless	Natural Gas											190,000			0.82	184			4.1	82%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3-OS		Gas Tankless	Propane											190,000			0.82		203		4.2	82%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3-Pro		Gas Tankless	Natural Gas											199,000			0.83	183			4.1	82%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3-Pro		Gas Tankless	Propane											199,000			0.83		199		4.3	83%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3-SP		Gas Tankless	Natural Gas											190,000			0.82	184			4.1	82%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-K3-SP		Gas Tankless	Propane											190,000			0.82		202		4.1	82%										
Takagi Industrial Co. USA Inc.	Takagi		Flash T-KJr.		Gas Tankless	Propane											140,000			0.83		198		3.1	82%										
Takagi Industrial Co. USA Inc.	Takagi		T-H2-DV		Gas Tankless	Natural Gas											199,000			0.91	163			4.69	93%										
Takagi Industrial Co. USA Inc.	Takagi		T-H2-DV		Gas Tankless	Propane											199,000			0.91		175		4.87	94%										
Takagi Industrial Co. USA Inc.	Takagi		T-H2-OS		Gas Tankless	Natural Gas											199,000			0.91	166			4.65	91%										
Takagi Industrial Co. USA Inc.	Takagi		T-H2-OS		Gas Tankless	Propane											199,000			0.91		162		4.85	93%										
USI Green Energy, LLC	USI Green Energy		Green Star WH1350		Heat Pump	Electric		50						5	220	1837				2.39			60												
USI Green Energy, LLC	USI Green Energy		Green Star WH1360		Heat Pump	Electric		65						5	220	1830				2.4			75												
Vaughn Thermal Corp.	Vaughn	VCON200	VCON200		Gas Tankless	Natural Gas	Direct Vent					3	3		120		199,000			0.93	164			4.9	93%										
Vaughn Thermal Corp.	Vaughn	VCON200P	VCON200P		Gas Tankless	Natural Gas	Direct Vent					3	3		120		199,000			0.93	164			4.9	93%										
VELUX America Inc.	VELUX		CLI-U12 SK0 W/L 218 AUX EL		Solar with Electric Backup			80						12	250											Indirect Forced Circulation	Flat Plate	54	0.7	2.7					
VELUX America Inc.	VELUX		CLI-U12 SK0 W/L 218 AUX GAS		Solar with Gas Backup	Natural Gas		80									75,000					50				Indirect Forced Circulation	Flat Plate	54	0.6	1.5					
VELUX America Inc.	VELUX		CLI-U12 SK0 W/L 218 EL B/U		Solar with Electric Backup			80						12	250											Indirect Forced Circulation	Flat Plate	54	0.8	3.6					
VELUX America Inc.	VELUX		CLI-U12 SK0 W/L 318 AUX EL		Solar with Electric Backup			120						12	250											Indirect Forced Circulation	Flat Plate	81	0.8	5.3					
VELUX America Inc.	VELUX		CLI-U12 SK0 W/L 318 AUX GAS		Solar with Gas Backup	Natural Gas		120									75,000									Indirect Forced Circulation	Flat Plate	81	0.7	2.3					
VELUX America Inc.	VELUX		CLI-U12 SK0 W/L 318 EL B/U		Solar with Electric Backup			120						12	250											Indirect Forced Circulation	Flat Plate	81	1	18.4					
Viessmann Manufacturing Company	Viessmann		2-200F-80R-E		Solar with Electric Backup			80						4.5		2719										Indirect Forced Circulation	Flat Plate	54	0.58	2.8					
Viessmann Manufacturing Company	Viessmann		3-200F-120R-E		Solar with Electric Backup			120						4.5		3200										Indirect Forced Circulation	Flat Plate	81	0.69	4.3					
Viessmann Manufacturing Company	Viessmann		3-200F-120R-G		Solar with Gas Backup	Natural Gas		120													144					Indirect Forced Circulation	Flat Plate	81	0.61	1.5					
Viessmann Manufacturing Company	Viessmann		3-200F-450V-G		Solar with Gas Backup	Natural Gas		120													130					Indirect Forced Circulation	Flat Plate	81	0.55	1.4					

ry (y)	Solar Auxiliary Tank Input (Thousand BTU per hour)	Warranty - Heat Exchanger (years)	Minimum Warranty - Collector (years)	Minimum Warranty - Controls (years)	Minimum Warranty - Tank (years)	Minimum Warranty - Parts (years)	Date Available On Market	Date Qualified	Markets	ENERGY STAR Model Identifier
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	40		10	2	6	1	6/25/2010		United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	40		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
			10	2	6	1		8/11/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
	40		10	2	6	1	4/12/2010	4/12/2010	United States	
	40		10	2	6	1	5/4/2010	5/4/2010	United States	
			10	2	6	1	8/9/2010	8/9/2010	United States	
			10	2	6	1		8/11/2010	United States	
	40		10	2	6	1	6/25/2010		United States	
			10	2	6	1		8/11/2010	United States	
	124		10	2	6	1	8/6/2010	8/6/2010	United States	
	184		10	2	6	1	8/6/2010	8/6/2010	United States	
		10				5	12/17/2008	12/17/2008	United States	
		10				5	12/17/2008	12/17/2008	United States	
		10				5	12/17/2008	12/17/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	12/18/2008	12/18/2008	United States	
		10				5	3/27/2009	3/27/2009	United States	
		12				5	10/15/2009	10/15/2009	United States	
		12				5	10/15/2009	10/15/2009	United States	
		12				5	10/15/2009	10/15/2009	United States	
		12				5	10/15/2009	10/15/2009	United States	
					10	10		4/15/2011	United States	
					10	10	1/6/2010	1/6/2010	United States	
		10				5	10/1/2012	9/28/2012	United States, Canada	ES_1120814_VCON200_1005201209211 0_1023474
		10				5	10/1/2012	9/28/2012	United States, Canada	ES_1120814_VCON200P_100520120918 40_1023472
			10	5	6	5	2/25/2009	2/25/2009	United States	
			10	5	6	5	2/25/2009	2/25/2009	United States	
			10	5	6	5	2/25/2009	2/25/2009	United States	
			10	5	6	5	2/25/2009	2/25/2009	United States	
			10	5	6	5	2/25/2009	2/25/2009	United States	
			10	5	6	5	2/25/2009	2/25/2009	United States	
			10	2	6	2	2/12/2010	2/12/2010	United States	
			10	2	6	2	2/12/2010	2/12/2010	United States	
			10	2	8	2	2/15/2010	2/15/2010	United States	
			10	2	8	2	2/15/2010	2/15/2010	United States	

Definitions for Water Heaters Product Listing Column Headers

Column Header	Definition
ENERGY STAR Partner	An organization that signed a Partnership Agreement with EP to manufacture or private label ENERGY STAR qualified products.
Brand	An identifier assigned by the manufacturer or private labeler t product or family/series of products for sales and marketing purposes.
Model Name	An identifier assigned by the manufacturer or private labeler t product or family/series of products for sales and marketing purposes.
Model Number	A distinguishing identifier, usually alphanumeric, assigned to product by the manufacturer or private labeler.
Additional Model Information	This column includes for the qualified model or family, family members, additional model names, model numbers and othe identifying information associated with a product or family/ series of products for sales and marketing purposes. Other identifying information includes, but is not limited to, SKUs, U codes, retail numbers, and/or descriptions of models includec not included in the reported Model Family.
Type	This field is used to indicate the type of qualified product: Gas Storage Water Heater, Gas Tankless Water Heater, Heat Pu Water Heater, or High Capacity Storage.
Fuel	Fuel type refers the kind of fuel the water heater uses to heat the water, either natural gas or propane.
Vent Type	The type of vent used by the water heater: Atmospheric Vent Direct Vent, or Power Vent.
Storage Volume (gallons)	Volume is the capacity of the tank, in gallons. Storage Volum not applicable for gas tankless, solar with gas backup, or sola with electric backup water heaters.
Tank Height (inches)	Tank height is the distance from the bottom of the water heater's tank to the top of its tank.
Height to Vent (inches)	Height to vent is the distance from the bottom of the water heater's tank to its vent.
Tank Diameter (inches)	Tank diameter is the width or diameter of the water heater's tank.
Vent Size (inches)	Vent size is the width or diameter of the vent opening.
Vent Size 2 (inches)	Vent size 2 is the width or diameter of a second vent opening
Electric Input (kw)	Electric Input kW refers to the input wattage of the heat pump supplementary electric elements.

PA
to a
to a
a
r PC d/
s mp
,
e is ar
.
o or

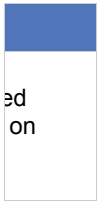
Column Header	Definition
Volts	Volts refer to the potential of an outlet or circuit to provide electrical energy. The standard current in the typical U.S. hor is in the range of 110 to 120 volts. However, circuits used for equipment, such as heat pump water heaters, may use voltage in the range of 220 to 240 volts. These heavy-duty circuits can be identified by their non-standard outlet plugs.
kWh/year	kWh/year, kilowatt hours per year, refers to the amount of electricity consumed by the water heater according to its Ene Factor determined by the DOE test procedure, Code of Fede Regulations, Title 10, Section 430.
Rate (Thousand BTU per hour)	Input refers to the burner size of the water heater, in thousan BTU per hour.
Thermal Efficiency (TE)	The ratio of the heat transferred to the water flowing through water heater to the amount of energy consumed by the water heater.
Standby Loss	The ratio of useful energy output from the water heater to the total amount of energy delivered to the water heater.
Energy Factor (EF)	Energy Factor is the ratio of useful energy output from the wa heater to the total amount of energy delivered to the water heater. EF is a metric used to compare relative efficiencies o water heaters. The higher the EF is, the more efficient the wa heater. EF is determined by the DOE test procedure, Code o Federal Regulations, Title 10, Section 430.
Therms/year for Natural Gas	Therms/year refers to the amount of natural gas consumed b the water heater according to its Energy Factor determined b the DOE test procedure, Code of Federal Regulations, Title 1 Section 430.
Gallons/year for Propane	Gallons/year refers to the amount of propane consumed by t water heater according to its Energy Factor determined by th DOE test procedure, Code of Federal Regulations, Title 10, Section 430.
First Hour Rating	First-Hour Rating is the amount of hot water (in gallons) a storage water heater can supply per hour (starting with a tank full of hot water).
Gallons per Minute (gallons per hour)	Gallons Per Minute is the amount of hot water in gallons a tankless water heater can supply per minute over a 77°F rise
Recovery Efficiency	Recovery efficiency refers to how efficiently the heat from the burner is transferred to the water in the tank.
Solar System Type	Forced Circulation systems use a pump to circulate the water other fluid from the collector where it is heated by the sun to t storage tank. Integral Collector Storage (ICS) systems, or “batch” water heaters, combine the collector and the storage tank into one. Thermosyphon systems have a separate stora tank, located above the collector. Liquid (which could be wate or an antifreeze solution) warmed in the collector rises to the storage tank.

ne
rgy ral
d
the
ıter f ıter f
y y 0,
ne e
k
.
,
r or the ge er

Column Header	Definition
Solar Collector Type	Solar Water Heaters are available in the following collector types: batch, flat-plate, and evacuated tube. Batch collectors heat water in dark tanks or tubes within an insulated box, sto the water until drawn. Flat-plate collectors consist of copper tubes fitted to flat absorber plates. Evacuated tubes contain a vacuum of space around the metal or glass tube.
Solar Collector Panel Area (sq feet)	Refers to the total area consumed by the solar collector.
Solar Fraction (SF)	Solar Fraction is the portion of the total conventional hot wate heating load (delivered energy and tank standby losses) provided by solar energy. SF is determined by the rating conditions and model outlined in the OG-300 standard developed by the Solar Rating and Certification Corporation (SRCC).
Solar Energy Factor (SEF)	Solar Energy Factor refers to the energy delivered by the tota system divided by the electrical or gas energy put into the system. The higher the SEF, the greater the solar contributio water heating, which reduces the energy required by the bac water heater. The SEF is presented as a number similar to th Energy Factor (EF) given to conventional water heaters by th DOE test procedure.
Freeze Tolerance Limit (F)	The limit to the system's tolerance of freezing weather conditions.
Solar Tank Volume (gallons)	Capacity of the tank, in gallons.
Solar Type of Backup	This field is used to indicate the type of tank used in a solar system: Gas Storage Water Heater, Gas Instantaneous Wate Heater, Electric Water Heater, Light Duty EPACT Covered G Water Heater.
Solar Auxiliary Tank Volume (gallons)	Volume is the capacity of the tank in a solar system, in gallon
Solar Auxiliary Tank Input (kW)	Electric Input kW refers to the input wattage of the heat pump supplementary electric elements.
Solar Auxiliary Tank Input (Thousand BTU per hour)	Auxiliary Input refers to the input KBTU per hour rating of the backup gas water heater in the solar system, in thousand BT per hour.
Minimum Warranty - Controls (years), Minimum Warranty - Collector (years), Minimum Warranty - Heat Exchanger (years), Minimum Warranty - Parts (years), and Minimum Warranty - Tank (years)	Warranty is an assurance by the manufacturing partner that t purchased equipment (tank, controls, collector) and compone (parts) are warranted for a certain required period-of-time, depending on the technology. Minimum warranty is the short warranty you can receive on the qualified water heater model
Date Available on Market	The date that the model is available for purchase.
Date Qualified	The date on which the product was confirmed to meet the ENERGY STAR specification.
Markets	This list/dataset includes products sold in the U.S. and/or Canada and other ENERGY STAR partner countries.

ring a
er
al n to kup e e
er as
s.
or
U
he ents est .

Column Header	Definition
ENERGY STAR Model Identifier	A unique string of characters used to identify models with the same performance characteristics. This sequence is generat by certification bodies and is reported as a single row of data the lists of certified products.


ed
on

Water Heaters Key Product Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 1.1 ENERGY STAR Program Requirements for Water heaters that are effective as of January 1, 2009, or the Version 2.0 ENERGY STAR Program Requirements for Water Heaters that are effective as of July 1, 2013.

Version 1.1 Requirements

ENERGY STAR Residential Water Heaters — Eligible Product Types	
High-Efficiency Gas Storage	A nominal input of 75,000 BTU/hour or less and a rated storage volume from 20 to 100 gallons.
Gas Condensing	
Heat Pump Water Heaters	A maximum current rating of 24 amperes, voltage no greater than 250 volts, and a transfer of thermal energy from one temperature to a higher temperature level for the purpose of heating water. Unit must have "integrated" or "drop-in" configuration.
Whole-Home Gas Tankless	A nominal input of over 50,000 BTU/hour up to 200,000 BTU/hour and a rated storage volume of 2 gallons or less.
N/A	N/A
Solar Water Heaters	OG-300 rating from the SRCC. Auxiliary tank must be residential-class.

Version 2.0 Requirements

ENERGY STAR Residential Water Heaters — Eligible Product Types	
High-Efficiency Gas Storage	A nominal input of 75,000 BTU/hour or less and a rated storage volume from 20 to 100 gallons.
Gas Condensing	
Heat Pump Water Heaters	A maximum current rating of 24 amperes, voltage no greater than 250 volts, and a transfer of thermal energy from one temperature to a higher temperature level for the purpose of heating water. Unit must have "integrated" or "drop-in" configuration.
Whole-Home Gas Tankless	A nominal input of over 50,000 BTU/hour up to 200,000 BTU/hour and a rated storage volume of 2 gallons or less.
Light Duty EPACT-covered Gas Water Heaters	Heat and store water at a thermostatically controlled temperature, with an input rate >75,000 Btu per hour and <100,000 Btu per hour, and storage volume between 20 and 100 gallons.
Solar Water Heaters	OG-300 rating from the SRCC. Auxiliary tank must be residential-class.

ENERGY STAR Criteria Version 1.1

A water heater model must meet all of the identified criteria to be labeled as ENERGY STAR.

High-Efficiency Gas Storage				
ENERGY STAR Criteria	**Energy Factor**	**First-Hour Rating**	**Warranty**	**Safety**
Gas Storage (Ending 8/31/2010)	EF >= 0.62	FHR >= 67 gallons per hour	Warranty >= 6 years on sealed system	ANSI Z21.10 .1/CSA 4.1
Gas Storage (Beginning 9/1/2010)	EF >= 0.67	FHR >= 67 gallons per hour	Warranty >= 6 years on sealed system	ANSI Z21.10 .1/CSA 4.1
Gas Condensing				
ENERGY STAR Criteria	**Energy Factor**	**First-Hour Rating**	**Warranty**	**Safety**
Gas Condensing	EF >= 0.8	FHR >= 67 gallons per hour	Warranty >= 8 years on sealed system	ANSI Z21.10 .1/CSA 4.1
Heat Pump Water Heaters				
ENERGY STAR Criteria	**Energy Factor**	**First-Hour Rating**	**Warranty**	**Safety**
Heat Pump Water Heaters	EF >= 2.0	FHR >= 50 gallons per hour	Warranty >= 6 years on sealed system	UL 174 & UL 1995
Whole-Home Gas Tankless				
ENERGY STAR Criteria	**Energy Factor**	**Gallons-Per-Minute**	**Warranty**	**Safety**
Whole-Home Gas Tankless	EF >= 0.82	GPM >= 2.5 over a 77°F rise	Warranty >= 10 years on heat exchanger and 5 years on parts	ANSI Z21.10 .3/CSA 4.3
Solar Water Heaters				
ENERGY STAR Criteria	**Solar Fraction**	**Warranty**		**Safety**
Solar Water Heaters	**SF >= 0.5**	Warranty >= 10 years on solar collector, 6 years on storage tank, 2 years on controls and 1 year for piping and parts		OG-300 Certification from the SRCC

ENERGY STAR Criteria Version 2.0

Gas Storage				
ENERGY STAR Criteria	**Energy Factor**	**First-Hour Rating**	**Warranty**	**Safety**
Gas Storage	EF >= 0.67	FHR >= 67 gallons per hour	Warranty >= 6 years on sealed system	ANSI Z21.10. 1/CSA 4.1
Electric Water Heaters				
ENERGY STAR Criteria	**Energy Factor**	**First-Hour Rating**	**Warranty**	**Safety**
Storage-Type	EF >= 2.0	FHR >= 50 gallons per hour	Warranty >= 6 years on sealed system	UL 174 & UL 1995
Gas Instantaneous				
ENERGY STAR Criteria	**Energy Factor**	**Gallons-Per-Minute**	**Warranty**	**Safety**
Whole-Home Gas Tankless	EF >= 0.82	GPM >= 2.5 over a 77°F rise	Warranty >= 10 years on heat exchanger and 5 years on parts	ANSI Z21.10. 3/CSA 4.3
Light Duty EPACT Covered Gas Water Heaters				
ENERGY STAR Criteria	**Thermal Efficiency**	**Standby Loss**	**Warranty**	**Safety**
Light Duty EPACT Covered Gas Water Heaters	TE ≥ 0.90	≤ 2374 btu/hr * (TE – 0.74)	Warranty ≥ 6 years on system	
Solar Water Heaters				
ENERGY STAR Criteria	**Solar Fraction**	**Warranty**		**Safety**
Solar Water Heaters	SEF ≥ 1.8 for electric backup	10 years on collector, 6 years sealed system, 2 years on controls, 1 year on parts		OG-300 Certification from the SRCC