

## Non-AHRI Central Air Conditioner Equipment and Air Source Heat Pump (ASHP) Product List

List Posted on February 20, 2013

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

The below listed products have been submitted to EPA by ENERGY STAR partners that do not participate in the AHRI certification program. EPA will continue to update this list with products that are certified by EPA-recognized certification bodies other than AHRI. The majority of ENERGY STAR products, certified by AHRI, can be found on the CEE/AHRI Verified Directory at:

<http://www.ceedirectory.org/>

To see a list of these products, select "labeled ENERGY STAR" in the search criteria.

\*For units offered with more than one assembly, the indoor unit that is paired with each matched assembly is listed separately.

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Indoor Unit Model Number	Product Type	SEER (Btu/Wh)	EER (Btu/Wh)	HSPF (Btu/Wh)	Capacity (Btu/h)	Date Available on Market	Date Qualified
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43AX009PH3 H1C		CH43AX009-H3H1C	CAC - Mini or Multi Split	21.7	14.2		9000	10/14/2011	10/12/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43AX012PH3 H1C		CH43AX012-H3H1C	CAC - Mini or Multi Split	20.0	12.3		12000	10/14/2011	10/12/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43AX018PH3 H1C		CH43AX018-H3H1C	CAC - Mini or Multi Split	18.0	12.0		18000	10/14/2011	10/12/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43AX024PH3 H1C		CH43AX024-H3H1C	CAC - Mini or Multi Split	18.0	12.0		21500	10/14/2011	10/12/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43BX009PH3 H1C		CH43BX009-H3H1C	CAC - Mini or Multi Split	23.0	14.8		9000	9/1/2011	8/16/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43BX012PH3 H1C		CH43BX012-H3H1C	CAC - Mini or Multi Split	22.0	12.5		12000	9/1/2011	8/16/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43BX018PH3 H1C		CH43BX018-H3H1C	CAC - Mini or Multi Split	18.0	12.0		18000	9/1/2011	8/16/2011
Carrier Interamerica Corporation	CIAC	Residential CAC - Split System	CG43BX024PH3 H1C		CH43BX024-H3H1C	CAC - Mini or Multi Split	18.0	12.0		22000	9/1/2011	8/16/2011
Carrier Interamerica Corporation	CIAC	CH43AX009-H3H2C/ CH43AX009PH3 H2C	CH43AX009-H3H2C/ CH43AX009PH3 H2C		GWC09MB-D3DNA3D/I	CAC - Split System	22.00	14.20		9000	10/1/2011	2/4/2013
Carrier Interamerica Corporation	CIAC	CH43AX012-H3H2C/ CH43AX012PH3 H2C	CH43AX012-H3H2C/ CH43AX012PH3 H2C		GWC12MB-D3DNA3D/I	CAC - Split System	20.00	12.00		12000	10/1/2011	2/4/2013



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Carrier Interamerica Corporation	CIAC	CH43AX018-H3H2C/ CG43AX018PH3 H2C	CH43AX018-H3H2C/ CG43AX018PH3 H2C		GWH18MC-D3DNA3D/I	ASHP - Split System	18.00	12.00	10.00	18000	12/10/2011	1/7/2013
Carrier Interamerica Corporation	CIAC	CH43AX024-H3H2C/ CG43AX024PH3 H2C	CH43AX024-H3H2C/ CG43AX024PH3 H2C		GWH24MD-D3DNA3D/I	ASHP - Split System	18.00	12.00	10.00	21400	12/1/2011	1/7/2013
Eair LLC	Comfort Star	Split type air conditioner	CCS009CA		CCS009CA(I)	CAC - Mini or Multi Split	18.0	14.13		9000	11/15/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CCS012CA		CCS012CA(I)	CAC - Mini or Multi Split	18.0	12.9		12000	11/15/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CCS012CD		CCS012CD(I)	CAC - Mini or Multi Split	18.0	12.9		12200	11/15/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CCS018CD		CCS018CD(I)	CAC - Mini or Multi Split	18.0	12.89		18000	11/15/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CHP009CA		CHP009CA(I)	ASHP - Mini or Multi Split	18.0	14.0	9.72	9000	11/5/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CHP012CA		CHP012CA(I)	ASHP - Mini or Multi Split	18.0	12.85	9.47	12000	11/5/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CHP012CD		CHP012CD(I)	ASHP - Mini or Multi Split	18.0	12.85	9.3	12000	11/15/2011	11/9/2011
Eair LLC	Comfort Star	Split type air conditioner	CHP018CD		CHP018CD(I)	ASHP - Mini or Multi Split	18.0	12.9	9.6	18000	11/15/2011	11/9/2011
Electrolux Home Products	Frigidaire	Split Type Air Conditioner	FRS094YC1		FRS094YW1	CAC - Mini or Multi Split	18.0	13.6		9000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Heat Pump	FRS09PYC1		FRS09PYW1	ASHP - Mini or Multi Split	18.0	13.6	9.8	9000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Air Conditioner	FRS124YC1		FRS124YW1	CAC - Mini or Multi Split	18.0	12.0		12000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Heat Pump	FRS12PYC1		FRS12PYW1	ASHP - Mini or Multi Split	18.0	12.0	9.6	12000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Air Conditioner	FRS184YC2		FRS184YW2	CAC - Mini or Multi Split	18.0	12.0		18000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Heat Pump	FRS18PYC2		FRS18PYW2	ASHP - Mini or Multi Split	18.0	12.0	10.2	18000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Air Conditioner	FRS224YC2		FRS224YW2	CAC - Mini or Multi Split	18.0	12.0		24000	11/1/2011	3/16/2011
Electrolux Home Products	Frigidaire	Split Type Heat Pump	FRS22PYC2		FRS22PYW2	ASHP - Mini or Multi Split	18.0	12.0	10.2	21500	11/1/2011	3/16/2011
Friedrich Air Conditioning Company	Friedrich	Split type air conditioner	MR09C1H		MW09C1H	CAC - Split System	22.0	14.2		9000	4/29/2012	4/19/2012
Friedrich Air Conditioning Company	Friedrich	Split type air conditioner	MR12C1H		MW12C1H	CAC - Split System	20.0	13.0		12000	4/29/2012	4/19/2012
Fujitsu General (Shanghai) Co., Ltd.	Fujitsu	ASU12RLS2/AOU12RLS2	ASU12RLS2/AOU12RLS2		ASU12RLS2	ASHP - Split System	28.77	15.13	13.5	12000	11/1/2011	11/26/2012



ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Indoor Unit Model Number	Product Type	SEER (Btu/Wh)	EER (Btu/Wh)	HSPF (Btu/Wh)	Capacity (Btu/h)	Date Available on Market	Date Qualified
Fujitsu General (Shanghai) Co., Ltd.	Fujitsu	ASU15RLS2/AOU15RLS2	ASU15RLS2/AOU15RLS2		ASU15RLS2	ASHP - Split System	25.43	12.2	14.01	14500	11/1/2011	11/26/2012
Fujitsu General (Shanghai) Co., Ltd.	Fujitsu	ASU9RLS2/AOU9RLS2	ASU9RLS2/AOU9RLS2		ASU9RLS2	ASHP - Split System	30.36	16.83	13.98	9000	11/1/2011	5/8/2012
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSC092E19MC		MSC092E19AX	CAC - Mini or Multi Split	19.39	14.13		9000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSC122E19MC		MSC122E19AX	CAC - Mini or Multi Split	19.86	12.9		12000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSC123E19MC		MSC123E19AX	CAC - Mini or Multi Split	19.18	12.9		12000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSC183E19MC		MSC183E19AX	CAC - Mini or Multi Split	20.31	12.89		18000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSC243E19MC		MSC243E19AX	CAC - Mini or Multi Split	18.51	12.59		24000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSH092E19MC		MSH092E19AX	ASHP - Mini or Multi Split	19.3	14.0	9.72	9000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSH122E19MC		MSH122E19AX	ASHP - Mini or Multi Split	19.8	12.8	9.47	12000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSH123E19MC		MSH123E19AX	ASHP - Mini or Multi Split	19.1	12.85	9.31	12000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSH183E19MC		MSH183E19AX	ASHP - Mini or Multi Split	19.3	12.9	9.79	18000	11/1/2011	10/26/2011
Goodman Manufacturing Company, L.P.	Goodman	Split type air conditioner	MSH243E19MC		MSH243E19AX	ASHP - Mini or Multi Split	18.0	12.6	9.63	24000	11/1/2011	10/26/2011
Gree Electric Appliances Inc of Zhuhai	C2	Split Type Heat Pump	GWH09MA-A3DNA4A/O		GWH09MA-A3DNA4A	ASHP - Mini or Multi Split	22.0	14.2	9.8	9000	3/29/2011	3/18/2011
Gree Electric Appliances Inc of Zhuhai	C2	Split Type Heat Pump	GWH18MC-D3DNA4A/O		GWH18MC-D3DNA4A	ASHP - Mini or Multi Split	18.0	12.0	10.2	18000	3/29/2011	3/18/2011
Gree Electric Appliances Inc of Zhuhai	CIAC	CH43AX009-H3H*C - CG43AX009*H3 H*C	CH43AX009-H3H*C - CG43AX009*H3 H*C		NA	CAC - Split System	22.00	14.20		9000	10/1/2011	8/20/2012
Gree Electric Appliances Inc of Zhuhai	CIAC	CH43AX012-H3H*C - CG43AX012*H3 H*C	CH43AX012-H3H*C - CG43AX012*H3 H*C		NA	CAC - Split System	20.00	12.00		12000	10/1/2011	8/20/2012



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Gree Electric Appliances Inc of Zhuhai	Elite	Split Type Heat Pump	EVMO-12X11-L1A		EVMI-12X11-L1A	ASHP - Mini or Multi Split	20.0	12.5	9.6	12000	3/29/2011	3/18/2011
Gree Electric Appliances Inc of Zhuhai	Elite	Split Type Heat Pump	EVMO-18X11-L1A		EVMI-18X11-L1A	ASHP - Mini or Multi Split	18.0	12.0	10.2	18000	3/29/2011	3/18/2011
Gree Electric Appliances Inc of Zhuhai	Elite	Split Type Heat Pump	EVMO-24X11-L1A		EVMI-24X11-L1A	ASHP - Mini or Multi Split	18.0	12.0	10.2	21500	3/29/2011	3/18/2011
Gree Electric Appliances Inc of Zhuhai	Elite	Split Type Heat Pump	EVMO-9X11-L1A		EVMI-9X11-L1A	ASHP - Mini or Multi Split	22.0	14.2	9.8	9000	3/29/2011	3/18/2011
Gree Electric Appliances Inc of Zhuhai	GREE	GEH09AA-A3DNA1A/I-GEH09AA-A3DNA1A/O	GEH09AA-A3DNA1A/I-GEH09AA-A3DNA1A/O		GEH09AA-A3DNA1A/I	ASHP - Split System	21.00	13.00	8.50	9000	7/1/2011	8/3/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GEH12AA-A3DNA1A/I-GEH12AA-A3DNA1A/O	GEH12AA-A3DNA1A/I-GEH12AA-A3DNA1A/O		GEH12AA-A3DNA1A/I	ASHP - Split System	21.00	12.00	8.50	12000	7/1/2011	8/9/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWC09AB-D3DNA1D/I - GWC09AB-D3DNA1D/O	GWC09AB-D3DNA1D/I - GWC09AB-D3DNA1D/O		GWC09AB-D3DNA1D/I	CAC - Split System	23.00	14.35		9000	10/1/2011	8/20/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWC09MB-D3DNA3D/I - GWC09MB-D3DNA3D/O	GWC09MB-D3DNA3D/I - GWC09MB-D3DNA3D/O		GWC09MB-D3DNA3D/I	CAC - Split System	22.00	14.20		9000	10/1/2011	8/20/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWC09MB-D3DNA3D/I - GWC09MB-D3DNA3D/O	GWC09MB-D3DNA3D/I - GWC09MB-D3DNA3D/O		GWC09MB-D3DNA3D/I	CAC - Split System	22.00	14.20		9000	10/1/2011	2/4/2013
Gree Electric Appliances Inc of Zhuhai	GREE	GWC12AB-D3DNA1D/I - GWC12AB-D3DNA1D/O	GWC12AB-D3DNA1D/I - GWC12AB-D3DNA1D/O		GWC12AB-D3DNA1D/I	CAC - Split System	22.00	12.00		12000	10/1/2011	8/20/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWC12MB-D3DNA3D/I - GWC12MB-D3DNA3D/O	GWC12MB-D3DNA3D/I - GWC12MB-D3DNA3D/O		GWC12MB-D3DNA3D/I	CAC - Split System	20.00	12.00		12000	10/1/2011	8/20/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWC18AC-D3DNA1D	GWC18AC-D3DNA1D	GWH18AC-D3DNA1D,GWH18AC-D3DNA1D,	GWH18AC-D3DNA1D/I	CAC - Split System	18	12	10	18000	12/20/2011	11/21/2012





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Gree Electric Appliances Inc of Zhuhai	GREE	GWC18MC-D3DNA3D	GWC18MC-D3DNA3D	GWC18MC-D3DNA4D,GWC18MC-D3DNA4D,; GWC18MC-D3DNA5D,GWC18MC-D3DNA5D,; GWC18MC-D3DNA8D,GWC18MC-D3DNA8D,; GWC18MC-D3DNC1D,GWC18MC-D3DNC1D,; GWC18MC-D3DND3D,GWC18MC-D3DND3D,; GWC18MC-D3DNE3D,GWC18MC-D3DNE3D,; GWH18MC-D3DNA3D,GWH18MC-D3DNA3D,; GWH18MC-D3DNA4D,GWH18MC-D3DNA4D,; GWH18MC-D3DNA5D,GWH18MC-D3DNA5D,; GWH18MC-D3DNA8D,GWH18MC-D3DNA8D,; GWH18MC-D3DND3D,GWH18MC-D3DND3D,	GWH18MC-D3DNA3D/I	CAC - Split System	18	12	10	18000	12/10/2011	11/21/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWC24AC-D3DNA1D	GWC24AC-D3DNA1D	GWH24AC-D3DNA1D,GWH24AC-D3DNA1D,	GWH24AC-D3DNA1D/I	CAC - Split System	18	12	10	22000	12/10/2011	11/21/2012



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Gree Electric Appliances Inc of Zhuhai	GREE	GWC24MD-D3DNA3D	GWC24MD-D3DNA3D	GWC24MD-D3DNA4D,GWC24MD-D3DNA4D,; GWC24MD-D3DNA5D,GWC24MD-D3DNA5D,; GWC24MD-D3DNA8D,GWC24MD-D3DNA8D,; GWC24MD-D3DNC1D,GWC24MD-D3DNC1D,; GWC24MD-D3DND3D,GWC24MD-D3DND3D,; GWC24MD-D3DNE3D,GWC24MD-D3DNE3D,; GWH24MD-D3DNA3D,GWH24MD-D3DNA3D,; GWH24MD-D3DNA4D,GWH24MD-D3DNA4D,; GWH24MD-D3DNA5D,GWH24MD-D3DNA5D,; GWH24MD-D3DNA8D,GWH24MD-D3DNA8D,; GWH24MD-D3DND3D,GWH24MD-D3DND3D,	GWH24MD-D3DNA3D/I	CAC - Split System	18	12	10	21400	12/1/2011	11/21/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH09MB-D3DNB3D	GWH09MB-D3DNB3D		GWH09MB-D3DNB3D/I	ASHP - Split System	22	14.2	9.2	9000	10/1/2011	8/27/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH09TB-D3DNA1A/I - GWH09TB-D3DNA1A/O	GWH09TB-D3DNA1A/I - GWH09TB-D3DNA1A/O		GWH09TB-D3DNA1A/I	ASHP - Split System	26.67	15.74	8.92	9000	10/1/2011	5/8/2012



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Gree Electric Appliances Inc of Zhuhai	GREE	GWH09TB-D3DNA3A	GWH09TB-D3DNA3A		GWH09TB-D3DNA3A/I	ASHP - Split System	23	14.35	9.8	9000	10/1/2011	8/27/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH09UB-D3DNA1A	GWH09UB-D3DNA1A	GWH09UB-D3DNA2A,GWH09UB-D3DNA2A,; GWH09UB-D3DNA3A,GWH09UB-D3DNA3A,	GWH09UB-D3DNA1A/I	ASHP - Split System	20	13	9	9000	8/20/2012	8/27/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH12TB-D3DNA1A/I - GWH12TB-D3DNA1A/O	GWH12TB-D3DNA1A/I - GWH12TB-D3DNA1A/O		GWH12TB-D3DNA1A/I	ASHP - Split System	24.32	13.21	9.08	12000	10/1/2011	5/8/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH12TB-D3DNA3A	GWH12TB-D3DNA3A		GWH12TB-D3DNA3A/I	ASHP - Split System	22	12	9.1	12000	10/1/2011	8/27/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH12UB-D3DNA1A	GWH12UB-D3DNA1A	GWH12UB-D3DNA2A,GWH12UB-D3DNA2A,; GWH12UB-D3DNA3A,GWH12UB-D3DNA3A,	GWH12UB-D3DNA1A/I	ASHP - Split System	18	12	9	12000	8/31/2012	9/25/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH18TC-D3DNA1A	GWH18TC-D3DNA1A		GWH18TCD3DNA1A/I	ASHP - Split System	21.15	12.25	11.08	18000	3/12/2012	11/26/2012
Gree Electric Appliances Inc of Zhuhai	GREE	GWH24AC-D3DNA1D	GWH24AC-D3DNA1D		GWH24AC-D3DNA1D/I	ASHP - Split System	18.00	12.00	9.20	22000	12/10/2011	7/23/2012
Heat Controller Inc.	Comfort-Aire, Century	Split type ASHP	A-VMH09SC-1		B-VMH09SC-1	ASHP - Mini or Multi Split	18.3	13.0	8.6	9000	9/29/2011	9/16/2011
Heat Controller Inc.	Comfort-Aire, Century	Split type ASHP	A-VMH12SC-1		B-VMH12SC-1	ASHP - Mini or Multi Split	19.3	12.1	9.0	12000	9/29/2011	9/16/2011
Heat Controller Inc.	Comfort-Aire, Century	Split type ASHP	A-VMH18SC-1		B-VMH18SC-1	ASHP - Mini or Multi Split	17.7	12.0	9.2	17500	9/29/2011	9/16/2011
Innovair Corporation	Inverter	No name found	IN312C2V31		IN312C2V31	Gas/Electric Package Unit	14.5	12.3		11600	7/30/2010	4/4/2011
Innovair Corporation	Inverter	No name found	IN414C2V31		IN414C2V31	Gas/Electric Package Unit	21.05	17.1		13500	7/30/2010	4/4/2011
Innovair Corporation	Inverter	No name found	IN520C2V31		IN520C2V31	Gas/Electric Package Unit	16.25	13.5		23000	7/30/2010	4/4/2011
Innovair Corporation	Inverter	No name found	IN625C2V31		IN625C2V31	Gas/Electric Package Unit	17.1	14.4		28800	7/30/2010	4/4/2011
International Refrigeration Products	Sea Breeze	Split Type Heat Pump	241-2001-C		241-2001-E	ASHP - Mini or Multi Split	23.0	14.35	9.8	9000	6/1/2011	5/20/2011



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International Refrigeration Products	Sea Breeze	Split Type Heat Pump	241-2002-C		241-2002-E	ASHP - Mini or Multi Split	22.0	12.5	8.9	12000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Split Type Heat Pump	241-2003-C		241-2003-E	ASHP - Mini or Multi Split	22.0	12.5	10.5	12000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Split Type Heat Pump	241-2004-C		241-2004-E	ASHP - Mini or Multi Split	20.0	12.0	10.2	18000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Split Type Heat Pump	241-2005-C		241-2005-E	ASHP - Mini or Multi Split	18.0	12.0	10.2	22000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Central Air Conditioner	241-4001-C		241-4001-E	CAC - Mini or Multi Split	23.0	14.4		9000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Central Air Conditioner	241-4002-C		241-4002-E	CAC - Mini or Multi Split	22.0	12.5		12000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Central Air Conditioner	241-4003-C		241-4003-E	CAC - Mini or Multi Split	22.0	12.5		12000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Central Air Conditioner	241-4004-C		241-4004-E	CAC - Mini or Multi Split	18.0	12.0		18000	6/1/2011	5/20/2011
International Refrigeration Products	Sea Breeze	Central Air Conditioner	241-4005-C		241-4005-E	CAC - Mini or Multi Split	18.0	12.0		22000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Split Type Heat Pump	241-1001-C		241-1001-E	ASHP - Mini or Multi Split	23.0	14.4	9.8	9000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Split Type Heat Pump	241-1002-C		241-1002-E	ASHP - Mini or Multi Split	22.0	12.5	8.9	12000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Split Type Heat Pump	241-1003-C		241-1003-E	ASHP - Mini or Multi Split	22.0	12.5	10.5	12000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Split Type Heat Pump	241-1004-C		241-1004-E	ASHP - Mini or Multi Split	20.0	12.0	10.2	18000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Split Type Heat Pump	241-1005-C		241-1005-E	ASHP - Mini or Multi Split	18.0	12.0	10.2	22000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Central Air Conditioner	241-3001-C		241-3001-E	CAC - Mini or Multi Split	23.0	14.4		9000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Central Air Conditioner	241-3002-C		241-3002-E	CAC - Mini or Multi Split	22.0	12.5		12000	6/1/2011	5/20/2011





ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Indoor Unit Model Number	Product Type	SEER (Btu/Wh)	EER (Btu/Wh)	HSPF (Btu/Wh)	Capacity (Btu/h)	Date Available on Market	Date Qualified
International Refrigeration Products	Thermal Zone	Central Air Conditioner	241-3003-C		241-3003-E	CAC - Mini or Multi Split	22.0	12.5		12000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Central Air Conditioner	241-3004-C		241-3004-E	CAC - Mini or Multi Split	18.0	12.0		18000	6/1/2011	5/20/2011
International Refrigeration Products	Thermal Zone	Central Air Conditioner	241-3005-C		241-3005-E	CAC - Mini or Multi Split	18.0	12.0		22000	6/1/2011	5/20/2011
Lennox Industries	Lennox	Residential CAC - Split System	MS7-CO-09L1A		MS7-CI-09L1A	CAC - Mini or Multi Split	22.0	14.2		9000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential CAC - Split System	MS7-CO-09P1A		MS7-CI-09P1A	CAC - Mini or Multi Split	22.0	14.2		9000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential CAC - Split System	MS7-CO-12L1A		MS7-CI-12L1A	CAC - Mini or Multi Split	20.0	12.5		12000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential CAC - Split System	MS7-CO-12P1A		MS7-CI-12P1A	CAC - Mini or Multi Split	20.0	12.5		12000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential CAC - Split System	MS7-CO-18P1A		MS7-CI-18P1A	CAC - Mini or Multi Split	18.0	12.0		18000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential CAC - Split System	MS7-CO-24P1A		MS7-CI-24P1A	CAC - Mini or Multi Split	18.0	12.0		21500	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential ASHP - Split System	MS7-HO-09L1A		MS7-HI-09L1A	ASHP - Mini or Multi Split	22.0	14.2	9.8	9000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential ASHP - Split System	MS7-HO-09P1A		MS7-HI-09P1A	ASHP - Mini or Multi Split	22.0	14.2	9.8	9000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential ASHP - Split System	MS7-HO-12L1A		MS7-HI-12L1A	ASHP - Mini or Multi Split	20.0	12.5	9.6	12000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential ASHP - Split System	MS7-HO-12P1A		MS7-HI-12P1A	ASHP - Mini or Multi Split	20.0	12.5	9.6	12000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential ASHP - Split System	MS7-HO-18P1A		MS7-HI-18P1A	ASHP - Mini or Multi Split	18.0	12.0	10.2	18000	7/31/2011	7/19/2011
Lennox Industries	Lennox	Residential ASHP - Split System	MS7-HO-24P1A		MS7-HI-24P1A	ASHP - Mini or Multi Split	18.0	12.0	10.2	21500	7/31/2011	7/19/2011
Midea USA Inc.	AIR-CON	Split type ASHP	A17CI4H4M18		A17EM4H4M18	ASHP - Mini or Multi Split	17.7	12.0	9.2	18000	10/1/2011	9/26/2011
Midea USA Inc.	AIR-CON	Split type ASHP	A19CI4H4M09		A19EM4H4M09	ASHP - Mini or Multi Split	18.3	13.0	8.6	9000	10/1/2011	9/26/2011
Midea USA Inc.	AIR-CON	Split type ASHP	A20CI4H4M12		A20EM4H4M12	ASHP - Mini or Multi Split	19.3	12.1	9.0	12000	10/1/2011	9/26/2011
Midea USA Inc.	AmericAire	Split type air conditioner	ACC12HP110IM		ACE12HP110IM	ASHP - Mini or Multi Split	19.8	12.8	9.5	12000	5/25/2012	5/18/2012
Midea USA Inc.	AmericAire	Split type air conditioner	ACC18HP220IM		ACE18HP220IM	ASHP - Mini or Multi Split	19.3	12.5	9.8	18000	5/25/2012	5/18/2012



ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Indoor Unit Model Number	Product Type	SEER (Btu/Wh)	EER (Btu/Wh)	HSPF (Btu/Wh)	Capacity (Btu/h)	Date Available on Market	Date Qualified
Midea USA Inc.	AmericAire	Split type air conditioner	ACC24HP220IM		ACE24HP220IM	ASHP - Mini or Multi Split	18.0	12.6	9.6	24000	5/25/2012	5/18/2012
Midea USA Inc.	GAIR	Inverter Plus Type Air Conditioner	GS9A-12CRDN1			CAC - Mini or Multi Split	19.0	12.5		12000	9/10/2012	8/31/2012
Midea USA Inc.	GAIR	Inverter Plus Type Air Conditioner	GS9A-18CRDN1			CAC - Mini or Multi Split	20.0	12.5		18000	9/10/2012	8/31/2012
Midea USA Inc.	GAIR	Inverter Plus Type Air Conditioner	GS9A-24CRDN1			CAC - Mini or Multi Split	18.5	12.5		24000	9/10/2012	8/31/2012
Midea USA Inc.	GAIR	Inverter Plus Type Air Conditioner	GSES-12CRDN1			CAC - Mini or Multi Split	19.0	12.5		12000	9/10/2012	8/31/2012
Midea USA Inc.	HotSpot Energy	Split type air conditioner	ACDC12ODU		ACDC12IDU	ASHP - Split System	19.0	12.0	10.0	11000	12/30/2012	12/15/2012
Midea USA Inc.	Klimaair	Split type ASHP	KSIL009-H119		KSIL009-H119	ASHP - Mini or Multi Split	19.3	14.0	9.7	10000	11/15/2011	11/4/2011
Midea USA Inc.	Klimaair	Split type ASHP	KSIL012-H119		KSIL012-H119	ASHP - Mini or Multi Split	19.8	12.8	9.6	12500	11/15/2011	11/4/2011
Midea USA Inc.	Klimaair	Split type ASHP	KSIL012-H219		KSIL012-H219	ASHP - Mini or Multi Split	19.1	12.9	9.5	13000	11/15/2011	11/4/2011
Midea USA Inc.	Klimaair	Split type ASHP	KSIL018-H219		KSIL018-H219	ASHP - Mini or Multi Split	19.3	12.9	9.8	19000	11/15/2011	11/4/2011
Midea USA Inc.	Klimaair	Split type ASHP	KSIL024-H219		KSIL024-H219	ASHP - Mini or Multi Split	18.0	12.6	9.7	24600	11/15/2011	11/4/2011
Midea USA Inc.	Klimaair	Split type air conditioner	KSIM009-H219			ASHP - Mini or Multi Split	17.9	13.2	9.1	9000	8/14/2011	7/28/2011
Midea USA Inc.	Klimaair	Split type air conditioner	KSIM012-H220			ASHP - Mini or Multi Split	19.3	12.1	8.9	12000	8/14/2011	7/28/2011
Midea USA Inc.	Klimaair	Split type air conditioner	KSIM018-H217			ASHP - Mini or Multi Split	17.7	12.0	9.2	18000	8/14/2011	7/28/2011
Midea USA Inc.	Monitor	Split type air conditioner	MHP-S12MA-EX		MHP-S12MA-IN	ASHP - Split System	18.8	12.5	9.3	12000	2/10/2013	2/4/2013
Midea USA Inc.	Monitor	Split type air conditioner	MHP-S12MB-EX		MHP-S12MB-IN	ASHP - Split System	18.8	12.5	9.6	12000	2/10/2013	2/4/2013
Midea USA Inc.	Monitor	Split type air conditioner	MHP-S18MA-EX		MHP-S18MA-IN	ASHP - Split System	19.2	12.5	9.6	18000	2/10/2013	2/4/2013
Midea USA Inc.	Monitor	Split type air conditioner	MHP-S24MA-EX		MHP-S24MA-IN	ASHP - Split System	18.0	12.5	9.6	24000	2/10/2013	2/4/2013
Midea USA Inc.	Senville	Split type air conditioner	MOC-09HFN1-BS0W		MS9A-09HRDN1-BS0W	ASHP - Mini or Multi Split	19.0	14.0	9.6	9000	3/15/2012	3/7/2012
Midea USA Inc.	Senville	Split type air conditioner	MOC-12HFN1-BS0W		MS9A-12HRDN1-BS0W	ASHP - Mini or Multi Split	18.8	12.5	9.6	12000	3/15/2012	3/7/2012
Midea USA Inc.	Senville	Split type air conditioner	MOF-18HFN1-MS0W		MS9A-18HRDN1-MS0W	ASHP - Mini or Multi Split	19.2	12.5	9.6	18000	3/15/2012	3/7/2012
Midea USA Inc.	Senville	Split type air conditioner	MOG-24HDN1-MS0W		MS9A-24HRDN1-MS0W	ASHP - Mini or Multi Split	18.0	12.5	9.6	24000	3/15/2012	3/7/2012



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Midea USA Inc.	SMC	Split type air conditioner	SMCAS092L		SMCEV092L	CAC - Mini or Multi Split	19.39	14.13		9000	1/30/2012	1/16/2012
Midea USA Inc.	SMC	Split type air conditioner	SMCAS122L		SMCEV122L	CAC - Mini or Multi Split	19.18	12.9		12000	1/30/2012	1/16/2012
Midea USA Inc.	SMC	Split type air conditioner	SMCAS182L		SMCEV182L	CAC - Mini or Multi Split	20.31	12.89		18000	1/30/2012	1/16/2012
Midea USA Inc.	SMC	Split type air conditioner	SMCAS242L		SMCEV242L	CAC - Mini or Multi Split	18.51	12.59		24000	1/30/2012	1/16/2012
Mirage Appliances, Inc	MIRAGE	E18H181W/ C18H181W	E18H181W/ C18H181W		E18H181W	ASHP - Split System	18	12	10	18000	12/10/2011	11/21/2012
Mirage Appliances, Inc	MIRAGE	E18H241W/ C18H241W	E18H241W/ C18H241W		E18H241W	ASHP - Split System	18	12	10	21400	12/1/2011	11/21/2012
Panasonic	Panasonic	CS-E12NKUAW / CU-E12NKUA	CS-E12NKUAW / CU-E12NKUA		CS-E12NKUAW	ASHP - Split System	20.0	12.0	10.0	12000	12/1/2011	11/18/2011
Panasonic	Panasonic	CS-E18NKUA / CU-E18NKUA	CS-E18NKUA / CU-E18NKUA		CS-E18NKUA	ASHP - Split System	18.0	13.15	8.5	17100	5/16/2012	5/16/2012
Panasonic	Panasonic	CS-E9NKKW / CU-E9NKK	CS-E9NKKW / CU-E9NKK		CS-E9NKKW	ASHP - Split System	17.5	12.1	9.20	8500	12/1/2011	11/18/2011
Panasonic	Panasonic	CS-E9NKUAW / CU-E9NKUA	CS-E9NKUAW / CU-E9NKUA		CS-E9NKUAW	ASHP - Split System	21.0	13.0	10.5	8500	12/1/2011	11/18/2011
Panasonic	Panasonic	CS-S12NKUA / CU-S12NKUA	CS-S12NKUA / CU-S12NKUA		CS-S12NKUA	CAC - Split System	20.00	12.00		12000	12/1/2011	11/18/2011
Panasonic	Panasonic	CS-S18NKUA / CU-S18NKUA	CS-S18NKUA / CU-S18NKUA		CS-S18NKUA	CAC - Split System	18.00	13.15		17100	5/10/2012	3/22/2012
Panasonic	Panasonic	CS-S9NKUA / CU-S9NKUA	CS-S9NKUA / CU-S9NKUA		CS-S9NKUA	CAC - Split System	21.00	13.05		8500	12/1/2011	11/18/2011
Panasonic	Panasonic	CS-S9NKUW-1 / CU-S9NKU-1	CS-S9NKUW-1 / CU-S9NKU-1		CS-S9NKUW-1	CAC - Split System	17.50	12.10		8500	12/1/2011	11/18/2011
Panasonic	Panasonic	CS-S9NKUW / CU-S9NKU	CS-S9NKUW / CU-S9NKU		CS-S9NKUW	CAC - Split System	17.5	12.1		8500	12/1/2011	11/18/2011
Panasonic	Panasonic	CU-3KE19NBU	CU-3KE19NBU		CS-MKE9NKU ( 2 unit )	ASHP - Mini or Multi Split	18	12	8.8	17000	11/30/2011	6/14/2012
Panasonic	Panasonic	CU-3KS19NBU	CU-3KS19NBU		CS-MKS9NKU ( 2 unit )	CAC - Mini or Multi Split	18	12		17000	11/30/2011	6/14/2012
Samsung Electronics Co., Ltd.	Samsung	AQN09VFUAGM	AQN09VFUAGM	AQX09VFUAGM ,AQX09VFUAGM, M,	AQN09VFUAGM	ASHP - Split System	19	13.2	9.5	9000	9/1/2012	9/5/2012
York International Corp. UPG	Coleman	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A,DHPM18N WM42Q1A/ DHPM18CSM42 Q1A,	DHPM18NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	18000	12/10/2011	12/6/2012



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York International Corp. UPG	Coleman	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A, DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A,	DHPM24NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	21400	12/10/2011	12/6/2012
York International Corp. UPG	Coleman	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A		DHPM09NWM 42Q1A	ASHP - Mini or Multi Split	22	14.2	9.2	9000	12/10/2011	12/6/2012
York International Corp. UPG	Coleman	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A		DHPM12NWM 42Q1A	ASHP - Mini or Multi Split	20	12	9.2	12000	12/10/2011	12/6/2012
York International Corp. UPG	COLEMAN, EVCON, FRASER-JOHNSTON, GUARDIAN, LUXAIRE	Split type air conditioner	DCPM09CSM41 Q1A		DCPM09NWM 41Q1A	CAC - Mini or Multi Split	22.0	14.2		9000	11/30/2012	11/23/2012
York International Corp. UPG	COLEMAN, EVCON, FRASER-JOHNSTON, GUARDIAN, LUXAIRE	Split type air conditioner	DCPM12CSM41 Q1A		DCPM12NWM 41Q1A	CAC - Mini or Multi Split	20.0	12.5		12000	11/30/2012	11/23/2012
York International Corp. UPG	COLEMAN, EVCON, FRASER-JOHNSTON, GUARDIAN, LUXAIRE	Split type air conditioner	DHPM09CSM41 Q1A		DHPM09NWM 41Q1A	ASHP - Mini or Multi Split	22.0	14.2	9.8	9000	11/30/2012	11/23/2012
York International Corp. UPG	COLEMAN, EVCON, FRASER-JOHNSTON, GUARDIAN, LUXAIRE	Split type air conditioner	DHPM12CSM41 Q1A		DHPM12NWM 41Q1A	ASHP - Mini or Multi Split	20.0	12.5	9.6	12000	11/30/2012	11/23/2012
York International Corp. UPG	EVCON	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A, DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A,	DHPM18NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	18000	12/10/2011	12/6/2012





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York International Corp. UPG	EVCON	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A, DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A,	DHPM24NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	21400	12/10/2011	12/6/2012
York International Corp. UPG	EVCON	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A		DHPM09NWM 42Q1A	ASHP - Mini or Multi Split	22	14.2	9.2	9000	12/10/2011	12/6/2012
York International Corp. UPG	EVCON	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A		DHPM12NWM 42Q1A	ASHP - Mini or Multi Split	20	12	9.2	12000	12/10/2011	12/6/2012
York International Corp. UPG	Fraser-Johnston	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A, DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A,	DHPM18NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	18000	12/10/2011	12/6/2012
York International Corp. UPG	Fraser-Johnston	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A, DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A,	DHPM24NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	21400	12/10/2011	12/6/2012
York International Corp. UPG	Fraser-Johnston	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A		DHPM09NWM 42Q1A	ASHP - Mini or Multi Split	22	14.2	9.2	9000	12/10/2011	12/6/2012
York International Corp. UPG	Fraser-Johnston	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A		DHPM12NWM 42Q1A	ASHP - Mini or Multi Split	20	12	9.2	12000	12/10/2011	12/6/2012
York International Corp. UPG	Guardian	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A, DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A,	DHPM18NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	18000	12/10/2011	12/6/2012
York International Corp. UPG	Guardian	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A, DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A,	DHPM24NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	21400	12/10/2011	12/6/2012



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York International Corp. UPG	Guardian	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A		DHPM09NWM 42Q1A	ASHP - Mini or Multi Split	22	14.2	9.2	9000	12/10/2011	12/10/2012
York International Corp. UPG	Guardian	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A		DHPM12NWM 42Q1A	ASHP - Mini or Multi Split	20	12	9.2	12000	12/10/2011	12/6/2012
York International Corp. UPG	Luxaire	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A, DHPM18NWM42Q1A/ DHPM18CSM42 Q1A,	DHPM18NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	18000	12/10/2011	12/6/2012
York International Corp. UPG	Luxaire	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A, DHPM24NWM42Q1A/ DHPM24CSM42 Q1A,	DHPM24NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	21400	12/10/2011	12/6/2012
York International Corp. UPG	Luxaire	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A		DHPM09NWM 42Q1A	ASHP - Mini or Multi Split	22	14.2	9.2	9000	12/10/2011	12/6/2012
York International Corp. UPG	Luxaire	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A		DHPM12NWM 42Q1A	ASHP - Mini or Multi Split	20	12	9.2	12000	12/10/2011	12/6/2012
York International Corp. UPG	York	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DCPM18NWM 42Q1A/ DCPM18CSM42 Q1A	DHPM18NWM 42Q1A/ DHPM18CSM42 Q1A, DHPM18NWM42Q1A/ DHPM18CSM42 Q1A,	DHPM18NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	18000	12/10/2011	12/6/2012
York International Corp. UPG	York	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DCPM24NWM 42Q1A/ DCPM24CSM42 Q1A	DHPM24NWM 42Q1A/ DHPM24CSM42 Q1A, DHPM24NWM42Q1A/ DHPM24CSM42 Q1A,	DHPM24NWM 42Q1A	ASHP - Mini or Multi Split	18	12	10	21400	12/10/2011	12/6/2012
York International Corp. UPG	York	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A	DHPM09NWM 42Q1A/ DHPM09CSM42 Q1A		DHPM09NWM 42Q1A	ASHP - Mini or Multi Split	22	14.2	9.2	9000	12/10/2011	12/6/2012
York International Corp. UPG	York	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A	DHPM12NWM 42Q1A/ DHPM12CSM42 Q1A		DHPM12NWM 42Q1A	ASHP - Mini or Multi Split	20	12	9.2	12000	12/10/2011	12/6/2012



## Definitions for Column Headers

Column Header	Definition
<b>ENERGY STAR Partner</b>	An organization that signed a Partnership Agreement with EPA to manufacture or private label ENERGY STAR qualified products.
<b>Brand</b>	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
<b>Model Name</b>	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
<b>Model Number</b>	A distinguishing identifier, usually alphanumeric, assigned to a product by the manufacturer or private labeler.
<b>Additional Model Information</b>	This column includes for the qualified model or family, family members, additional model names, model numbers and other 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, UPC codes, retail numbers, and/or descriptions of models included/not included in the reported Model Family.
<b>Indoor Unit Model Number</b>	A distinguishing identifier, usually alphanumeric, assigned to a product by the manufacturer or private labeler.

Column Header	Definition
<b>Product Type</b>	<p>Air-Source Heat Pump (ASHP): An air-source unitary heat pump model consists of one or more factory-made assemblies which normally include an indoor conditioning coil(s), compressor(s), and outdoor coil(s), including means to provide a heating function. ASHPs shall provide the function of air heating with controlled temperature, and may include the functions of air-cooling, air-circulation, air-cleaning, dehumidifying or humidifying.</p> <p>Central Air Conditioner: A central air conditioner model consists of one or more factory-made assemblies which normally include an evaporator or cooling coil(s), compressor(s), and condenser(s). Central air conditioners provide the function of air-cooling, and may include the functions of air-circulation, air-cleaning, dehumidifying or humidifying.</p> <p>Single Package: A single package unit is an ASHP or central air conditioner that combines both condenser and air handling capabilities in a single casing.</p> <p>Split System: A split system is an ASHP or central air conditioner with separate indoor (evaporator) and outdoor (condenser) units. For split systems, the energy-efficiency rating of a particular split system is based on the actual condenser-evaporator coil combination of the split system.</p> <p>Gas/Electric Package Unit: A single package unit with gas heating and electric air conditioning that is often installed on a slab or roof.</p>
<b>Reported SEER Rating (Btu/Wh)</b>	This is a measure of equipment energy efficiency over the cooling season. It represents the total cooling of a central air conditioner or heat pump (in Btu) during the normal cooling season as compared to the total electric energy input (in watt-hours) consumed during the same period.
<b>Reported EER Rating (Btu/Wh)</b>	This is a measure of the instantaneous energy efficiency of cooling equipment. EER is the steady-state rate of heat energy removal (e.g., cooling capacity) by the equipment in Btu/h divided by the steady-state rate of energy input to the equipment in watts. This ratio is expressed in Btus per watt-hour (Btu/Wh).
<b>Reported HSPF Rating (Btu/Wh)</b>	This is a measure of a heat pump's energy efficiency over one heating season. It represents the total heating output of a heat pump (including supplementary electric heat) during the normal heating season (in Btu) as compared to the total electricity consumed (in watt-hours) during the same period.
<b>Capacity (Btu/h)</b>	Capacity is defined as the quantity of heat required to raise 1 pound of water by 1 degree Fahrenheit in one hour.

Column Header	Definition
<b>Date Available on Market</b>	The date that the model is available for purchase.
<b>Date Qualified</b>	The date on which the product was confirmed to meet the ENERGY STAR specification.

## Key Efficiency Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 4.1 (Tier 2) ENERGY STAR Program Requirements for Central Air Conditioners and Air Source Heat Pumps that are effective as of January 1, 2009.

ENERGY STAR CAC/ASHP - Version 4.1 (Tier 2)	
Equipment	Specification
Air-Source Heat Pumps	≥8.2 HSPF/ ≥14.5 SEER/ ≥12 EER* for split systems
	≥8.0 HSPF/ ≥14 SEER/ ≥11 EER* for single package equipment including gas/electric package units
Central Air Conditioners	≥14.5 SEER/ ≥12 EER* for split systems
	≥14 SEER/ ≥11 EER* for single package equipment including gas/electric package units

**Note:**

\*Energy Efficiency Ratio