

ENERGY STAR Rebuilt Refrigerated Beverage Vending Machine Product List

List Posted on February 20, 2013

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

* Brand is not available for products qualified prior to January 1, 2011.

** Date Available on Market is not available for some products qualified prior to January 1, 2011.

*** Date Qualified is not available for products qualified prior to January 1, 2011.

ENERGY STAR Partner	Brand*	Model Name	Rebuilt Model Number	Additional Model Information	Original Equipment Manufacturer (OEM)	OEM Model Number	Door Type	Machine Use Designation	Vendible Capacity	Energy Consumption (kWh/day)	Energy Saving Component Type	Energy Saving Kit or Component OEM	Energy Saving Kit or Component Model Number	Date Available On Market**	Date Qualified***
Coca-Cola Bottling Co. Consolidated		DN501E-ES	DN501E-ES		Dixie-Narco, Inc.	DN501E	Closed Front	Indoor/Outdoor	444.0	5.6			626 042 100.03 Kit Upgrade Tier 2 CC Wide for Emod w/ S2D Controller; 646.041.900.04 Kit Upgrade Tier 2 CC Wide for Emod w/ S3D Controller		
Coca-Cola Bottling Co. Consolidated		DN600E-ES	DN600E-ES		Dixie-Narco, Inc.	DN600E	Closed Front	Indoor/Outdoor	534.0	5.6			626 042 100.03 Kit Upgrade Tier 2 CC Wide for Emod w/ S2D Controller; 646.041.900.04 Kit Upgrade Tier 2 CC Wide for Emod w/ S3D Controller	1/5/2011	
Dixie-Narco		DN276E	DN276E		Dixie-Narco, Inc.	DN276E	Closed Front	Indoor/Outdoor	276.0	4.1	Eprom	Dixie-Narco, Inc.	64664604160004	12/18/2008	
Dixie-Narco		DN276-E2	DN276-E2		Dixie-Narco, Inc.	DN276E	Closed Front	Indoor/Outdoor	276.0	4.1	Eprom Fan Assembly Environmental Kit	Dixie-Narco, Inc.	64604140004 64604130004 64604100004 64604090004	12/18/2008	
Dixie-Narco		DN276E-ES	DN276E-ES		Dixie-Narco, Inc.	DN276E	Closed Front	Indoor/Outdoor	315.0	5.1			646,042,00 - K,TIER2 CC NRW S2D CONTROLLR E, 646,041,80 - K,TIER2 CC NRW S3D CONTROLLR E	4/1/2010	
Dixie-Narco	Dixie Narco	DN3000	DN3000				Glass Front	Indoor Only	270	3.6	Refrigeration System and Lighting Controller	CR0007317 and 80492961		8/18/2000	12/16/2011
Dixie-Narco		DN3000-V	DN3000-V		Dixie-Narco, Inc.	DN3000	Glass	Indoor Only	270.0	4.8			626 043 300.03 K, ENSTAR FIELD UPGRADE 2000V; 626 043 4000.03 K, ESTAR FLD UPGRD 2000V, W/ PWR DIST		
Dixie-Narco	Dixie Narco	DN5000	DN5000				Glass Front	Indoor Only	405	4.1	Refrigeration System and Lighting Controller	CR0007317 and 80492961		8/18/2011	12/16/2011
Dixie-Narco		DN5000-V	DN5000-V		Dixie-Narco, Inc.	DN5000	Glass	Indoor Only	405.0	5.2			626 043 300.03 K, ENSTAR FIELD UPGRADE 2000V; 626 043 4000.03 K, ESTAR FLD UPGRD 2000V, W/ PWR DIST		

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Dixie-Narco		DN501E	DN501E		Dixie-Narco, Inc.	DN501E	Closed Front	Indoor/ Outdoor	501.0	4.6	Eprom	Dixie-Narco, Inc.	6464604160004	12/18/2008	
Dixie-Narco		DN501E-E2	DN501E-E2		Dixie-Narco, Inc.	DN501E	Closed Front	Indoor/ Outdoor	501.0	4.6	Eprom Fan Assembly Environmental Kit	Dixie-Narco, Inc.	64604080004 64604070004 64604120004 64604110004	12/18/2008	
Dixie-Narco		DN501E-ES	DN501E-ES		Dixie-Narco, Inc.	DN501E	Closed Front	Indoor/ Outdoor	444.0	5.6			626 042 100.03 Kit Upgrade Tier 2 CC Wide for Emod w/ S2D Controller; 646,041,900.04 Kit Upgrade Tier 2 CC Wide for Emod w/ S3D Controller		
Dixie-Narco		DN504P-E2	DN504P-E2		Dixie-Narco, Inc.	DN504P	Closed Front	Indoor/ Outdoor	504.0	5.3	Eprom	Dixie-Narco, Inc.	64604160004 80387423001	12/18/2008	
Dixie-Narco		DN504P-HVV-E2	DN504P-HVV-E2		Dixie-Narco, Inc.	DN540P-HVV	Closed Front	Indoor/ Outdoor	504.0	5.3	Fan Assembly	Dixie-Narco, Inc.	64004130003		
Dixie-Narco		DN552P-E2	DN552P-E2		Dixie-Narco, Inc.	DN552P	Closed Front	Indoor/ Outdoor	552.0	5.3	Eprom	Dixie-Narco, Inc.	64604160004 80387423001	12/18/2008	
Dixie-Narco		DN600E	DN600E		Dixie-Narco, Inc.	DN600E	Closed Front	Indoor/ Outdoor	600.0	4.6	Eprom	Dixie-Narco, Inc.	64646604160004	12/18/2008	
Dixie-Narco		DN600E-E2	DN600E-E2		Dixie-Narco, Inc.	DN600E	Closed Front	Indoor/ Outdoor	600.0	4.6	Eprom Fan Assembly Environmental Kit	Dixie-Narco, Inc.	64604080004 64604070004 64604120004 64604110004	12/18/2008	
Dixie-Narco		DN600E-ES	DN600E-ES		Dixie-Narco, Inc.	DN600E	Closed Front	Indoor/ Outdoor	534.0	5.6			626 042 100.03 Kit Upgrade Tier 2 CC Wide for Emod w/ S2D Controller; 646,041,900.04 Kit Upgrade Tier 2 CC Wide for Emod w/ S3D Controller		
Dixie-Narco		DN720P-HVV-E2	DN720P-HVV-E2		Dixie-Narco, Inc.	DN720P-HVV	Closed Front	Indoor/ Outdoor	720.0	6.2	Fan Assembly	Dixie-Narco, Inc.	63904150003		

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Energy Innovative Products, Inc.		EIPCST4V1	EIPCST4V1		Automatic Products	CST4	Glass	Indoor Only	180.0	3.1			EIP-CST4V1	12/17/2010	
Energy Innovative Products, Inc.		EIPDN5591V1	EIPDN5591V1		Dixie-Narco, Inc.	DN5591	Glass	Indoor Only	405.0	5.5			EIP-DN5591V1	12/20/2010	
Energy Innovative Products, Inc.		EIPRVRB372M1V1	EIPRVRB372M1V1		Royal Vendors, Inc.	RVRB-372-3	Closed Front	Indoor Only	384.0	5.3			EIP-Royal Vendors 372M1V1	8/1/2010	
Energy Innovative Products, Inc.		EIPV40GV1	EIPV40GV1		Sanden Vendo America Inc	Vue40	Glass	Indoor Only	504.0	5.5			EIP-Vendo 40GV1	12/1/2010	
Royal Vendors, Inc.	Royal Vendors	GIII	GIII/RVCC 550-*			RVCC 550-*	Closed Front	Indoor/Outdoor	550	4.6				3/1/2012	2/16/2012
Royal Vendors, Inc.		RVCC550*-ES	RVCC550*-ES		Royal Vendors, Inc.	GIII/RVCC550-*	Closed Front	Indoor/Outdoor	550.0	6.6			359100 for serial numbers with first 6 digits in the range 200211-200413	2/16/2009	
Royal Vendors, Inc.		RVCC 660-ES	RVCC 660-ES		Royal Vendors, Inc.	GIII/RVCC660-*	Closed Front	Indoor/Outdoor	660.0	5.8			358100 for Serial #s with the first 6 digits in the range 200211-200413	2/16/2009	
Royal Vendors, Inc.		GIII	RVCC 660-EV		Royal Vendors, Inc.	GIII/RVCC 660-*	Closed front	Indoor/Outdoor	660.0	6.2			358120 for serial numbers with first 6 digits 200210 and older	5/3/2010	
Royal Vendors, Inc.		GIII	RVCC 660-EV2		Royal Vendors, Inc.	GIII/RVCC 660-*	Closed Front	Indoor/Outdoor	660.0	4.9			358135 for serial numbers with first 6 digits 200210 and older		
Royal Vendors, Inc.		RVCC 804-ES	RVCC 804-ES		Royal Vendors, Inc.	GIII/RVCC804-*	Closed Front	Indoor/Outdoor	804.0	5.9			357100 for Serial #s with the first 6 digits in the range 200211-200413	2/16/2009	

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Royal Vendors, Inc.		GIII	RVCC 804*-EV		Royal Vendors, Inc.	GIII/RVCC 804-*	Closed Front	Indoor/Outdoor	804.0	5.6			357120 for serial numbers with first 6 digits 200210 and older.	5/2/2010	
Royal Vendors, Inc.		GIII	RVCC 804*-EV2		Royal Vendors, Inc.	GIII/RVCC 804-*	Closed front	Indoor/Outdoor	804.0	4.9			358135 for serial numbers with first 6 digits 200210 and older		
Royal Vendors, Inc.		RVCCR 550-* ES	RVCCR 550-* ES		Royal Vendors, Inc.	GIII/RVCCR550-*	Closed Front	Indoor/Outdoor	550.0	5.6			359100 for serial numbers with first 6 digits in the range 200211-200413	2/16/2009	
Royal Vendors, Inc.		RVCCR 660-*ES	RVCCR 660-*ES		Royal Vendors, Inc.	GIII/RVCCR 660-*	Closed Front	Indoor/Outdoor	660.0	5.8			358100 for Serial numbers with first 6 digits in the range 200211-200413	2/16/2009	
Royal Vendors, Inc.		GIII	RVCCR 660*-EV		Royal Vendors, Inc.	GIII/RVCCR 660-*	Closed Front	Indoor/Outdoor	660.0	6.2			358120 for serial numbers with first 6 digits 200210 and older	5/3/2010	
Royal Vendors, Inc.		GIII	RVCCR 660*-EV2		Royal Vendors, Inc.	GIII/RVCCR 660-*	Closed Front	Indoor/Outdoor	660.0	4.9			358135 for serial numbers with first 6 digits 200210 and older		
Royal Vendors, Inc.		RVCCR804-*ES	RVCCR804-*ES		Royal Vendors, Inc.	GIII/RVCCR804-*	Closed Front	Indoor/Outdoor	804.0	5.9			357100 for Serial #s with the first 6 digits in the range 200211-200413	2/16/2009	
Royal Vendors, Inc.		GIII	RVCCR 804*-EV		Royal Vendors, Inc.	GIII/RVCCR 804-*	Closed front	Indoor/Outdoor	804.0	5.6			357120 for serial numbers with first 6 digits 200210 and older	5/3/2010	
Royal Vendors, Inc.		GIII	RVCCR 804*-EV2		Royal Vendors, Inc.	GIII/RVCCR 804-*	Closed front	Indoor/Outdoor	804.0	4.9			358135 for serial numbers with first 6 digits 200210 and older		
Sanden Vendo America Inc		Pepsi 621 HVVX	Pepsi 621 HVVX		Sanden Vendo America Inc	Pepsi 621 HVV	Closed Front	Indoor/Outdoor	544.0	4.8			1182157A 2001 to 2007 Pepsi HVV V21 machines		

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Sanden Vendo America Inc		Pepsi 721 HVVX	Pepsi 721 HVVX		Sanden Vendo America Inc	Pepsi 721 HVV	Closed Front	Indoor/Outdoor	680.0	5.3			1182157A 2001 to 2007 Pepsi HVV V21 machines		
Sanden Vendo America Inc		Pepsi 821 HVVX	Pepsi 821 HVVX		Sanden Vendo America Inc	Pepsi 821 HVV	Closed Front	Indoor/Outdoor	800.0	5.7			1182157A 2001 to 2007 Pepsi HVV V21 machines		

Definitions for Vending Machine Product Listing Column Headers

Column Header	Definition
ENERGY STAR Partner	An organization that signed a Partnership Agreement with EPA to manufacture or private label ENERGY STAR qualified products.
Brand	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Name	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Number	A distinguishing identifier, usually alphanumeric, assigned to a 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 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.
Door Type	Vending machines eligible for ENERGY STAR may have a closed front door, glass front door, live display door, or "other" door type.
Machine Use Designation	Indoor/outdoor machines may be suitable for outdoor use or suitable for protected locations. Indoor machines are suitable for indoor use only (per UL Standard 541).
Vendible Capacity	The maximum quantity of standard product that can be dispensed from one full loading of the vending machine without further reload operations when used as recommended by the manufacturer (per ANSI/ASHRAE 32.1).
Energy Consumption (kWh/day)	The measured Daily Energy Consumption value in kWh per day.
Energy Saving Component Type	The component type(s) as represented by the Component Model Numbers (e.g., fan assembly).
Energy Saving Kit or Component OEM	The OEM of the energy efficiency component(s)/kit installed to meet ENERGY STAR requirements.
Energy Saving Kit or Component Model Number	The model number of the energy efficiency component(s)/kit installed to meet ENERGY STAR requirements.
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.

Key Efficiency Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 2.1 Tier II ENERGY STAR Program Requirements for Vending Machines that are effective as of July 1, 2007, or the Version 3.0 ENERGY STAR Program Requirements for Vending Machines that are effective as of March 1, 2013.

Version 2.1 Tier II Requirements New and Rebuilt Machines (effective July 1, 2007)

Maximum daily energy consumption:

$$Y = 0.45 [8.66 + (0.009 \times C)]$$

Where: Y = 24 hr energy consumption (kWh/day) after the machine has stabilized
C = vendible capacity

Note: The energy consumption equation is based on CAN/CSA C804-96 Energy Performance of Vending Machines (for Machine Type A).

Version 3.0 Requirements New and Rebuilt Machines (effective March 1, 2013)

Maximum daily energy consumption:

Class A: New and Rebuilt Machines: $0.0523V + 2.432$

Class B: New and Rebuilt Machines: $0.0657V + 2.844$

Where V = the refrigerated volume (cu ft) of the refrigerated bottled or canned beverage vending machine, as measured by the American National Standards Institute (ANSI)/ Association of Home Appliance Manufacturers (AHAM) HRF-1-2004, "Energy, Performance, and Capacity of Household Refrigerators, Refrigerator-Freezers and Freezers." Measurement of refrigerated volume must be in accordance with the methodology specified in Section 5.2, Total Refrigerated Volume (excluding subsections 5.2.2.2 through 5.2.2.4), of ANSI/AHAM HRF-1-2004.