

PRODUCT MARKETING NEWS

A-NP-SP-2533

Date: July 18, 2023
To: Internal, Sales, Distribution, and Sales Representatives
From: Roberto Herrera, Senior Product Manager, Split Systems
Subject: **New Amana® Brand S-series E Heat Pump (ASZS6-E)**

We are pleased to announce the launch of the new Amana brand S-series E heat pump, model ASZS6-E, with up to 17.5 SEER2 and up to 8.6 HSPF2. This new addition to our Amana brand S-series family features increased performance, efficiency, and extra capacity at both low and high ambient, when compared to the Amana brand S-series model ASZS6, to meet critical program thresholds. When matched with appropriate coil components, the Amana brand S-series E is an ENERGY STAR® Certified Residential Cold Climate Heat Pump and is also qualifying equipment for the Canada Greener Homes Grant and 2023 CEE North Tier 1, which is qualifying equipment for the IRA 25C tax credit for the CEE's North region, to ensure that contractors and homeowners have a robust offering.

The new Amana brand S-series E heat pump, model ASZS6-E, has been engineered with the same innovative features as the ASZS6:

- Software enhancements reduce heating residual runtime
- Inverter, swing compressor, high-density sound blanket, and PE coil fin coating
- Compact footprint, smaller clearances, and lower weight than traditional cube style units
- Digitally commutated fan motor provides precise and efficient air distribution across the condenser coil
- Intelligent Defrost Mode - stays in defrost only as much as it needs to, providing efficient operation
 - Selectable defrost backup heat option provides additional, reduced power consumption
- Hot start technology builds heating capacity before the indoor blower starts providing warm air at the start of the heating cycle



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

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Nomenclature Schematic for the New Amana® brand S-series E Heat Pump

	A	S	Z	S	6	0	3	6	1	E	A	A	
	1	2	3	4	5	6	7	8	9	10	11	12	
Brand	A												Minor Rev
A Amana													A
Product Category													Major Revision
S Split System R-410A													A
Unit Type													Variation
X Condenser													E - Enhanced Capacity
Z Heat Pump													Electrical
Feature													1 208/230 V, 1 Phase, 60 Hz
S Side Discharge													Nominal Capacity
SEER2													24 - 2.0 Tons 36 - 3.0 Tons
13.4 - 13.7 = 3													42 - 3.5 Tons 48 - 4.0 Tons
13.8 - 14.5 = 4													
14.6 - 15.5 = 5													
15.6 - 16.5 = 6													
16.6 - 17.5 = 7													
17.6 - 18.5 = 8													
18.6 - 19.5 = 9													
19.6 + = 0													
													Sales Region
													0 All Regions

The new Amana brand S-series E models are available for sale throughout the U.S. and Canada.

Compatibility and Rating Matchups

The new Amana brand S-series E models will be compatible with the following indoor equipment:

Models	DESCRIPTION
AHVE	Multi-positional variable speed air handler with electronic expansion valve (EEV) and communicating thermostat - for horizontal discharge inverters
MBVC	Variable speed modular blower with ComfortNet™ controls
CAPEA	Vertical coil with electronic expansion valve (EEV) and 7mm evaporator coil tube diameter
AMVM97 / ACVM97, AMVC96/ ACVC96, AMVC80/ ACVC80, AMVS80-U / AMVS96-U	Amana communicating gas furnaces, ComfortBridge controls will be override by the outdoor and the gas furnaces will be operating in ComfortNet™, same as the outdoor (including Ultra Low-NOx gas furnace models)

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The new Amana brand S-series E heat pumps, model ASZS6-E, will have all the same matchups as

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current model ASZS6, plus new vertical 4- and 5-ton evaporator coils that will complete the full vertical dual-fuel offering:

OUTDOOR HP	AIR HANDLERS & EVAPORATOR COILS	GAS FURNACE & BLOWER
ASZS60241E	AHVE36	N/A
ASZS60241E	CAPEA2422	MBVC
ASZS60241E	CAPEA3026	MBVC
ASZS60241E	CAPEA2422	VS Furnace
ASZS60241E	CAPEA3026	VS Furnace
ASZS60361E	AHVE 48	N/A
ASZS60361E	CAPEA4830*	MBVC
ASZS60361E	CAPEA4830*	VS Furnace
ASZS60421E	AHVE 60	N/A
ASZS60421E	CAPEA6030*	MBVC
ASZS60421E	CAPEA6030*	VS Furnace
ASZS60481E	AHVE 60	N/A
ASZS60481E	CAPEA6030*	MBVC
ASZS60481E	CAPEA6030*	VS Furnace

* New vertical coils

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Key Specifications

SKU	ASZS60241E	ASZS60361E	ASZS60421E	ASZS60481E
Tonnage	2.0	3.0	3.5	4.0
SEER2	17.0	17.5	17.0	17.0
EER2	10.0	10.0	10.0	10.0
HSPF2 (IV)	8.6	8.6	8.6	8.5-8.6
HSPF2 (V)	7	7	7	7
Capacity 5F	16,100	30,000	30,600	31,000
Capacity 17F	16,000	23,000	28,000	28,000
Capacity 47F	23,000	34,200	40,000	44,000
Capacity 95F	23,000	34,200	40,000	44,000
Ratio 5/47F	70%	88%	77%	70%
COP 5F	2	2	2	2
120F Capacity of rated	95%	77%	79%	72%

Dimensions

Model	Chassis	MCA	MOP	W"	D"	H"	Ship Weight (lbs)
ASZS60241E	Small	23.9	25	36.6	13.8	27.4	147
ASZS60361E	Large	34.4	35	37.0	12.6	39.0	185
ASZS60421E	Large	36.2	40	37.0	12.6	39.0	198
ASZS60481E	Large	36.2	40	37.0	12.6	39.0	198

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KEY RELEASE DATES AND INFORMATION

ITEM	AVAILABILITY DATE	DOCUMENT CODE HEAT PUMP
Sales Availability	August 2023	N/A
Engineering Data/Spec Sheets	Available	SS-ASZS6
Installation/Operation Manual	Available	3P731493-2
Service Manuals	Available	SiUS612213E
Warranty Certificate	TBD	TBD
Consumer Brochure	Fall Update	CB-S-SERIES
Line Card	Fall Update	PM-ALINE
General Catalog Update	Fall Update	CT-AMANA
Amana-hac.com Updates	Available	Link
Training Materials	Available	TRV-6

Additional Information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

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