

navien

Quick Facts

NAZ Series



Air-to-air Heat Pump

Product Features



Environmentally friendly R-454B low GWP refrigerant.



Compatible with single- or two-stage conventional thermostats.



Bluetooth module included: provides access for contractors.



Energy-efficient with matches up to 19.5 SEER2.

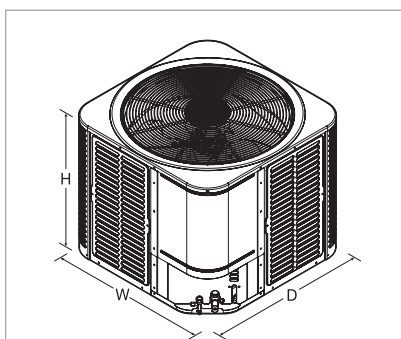


Performs in outdoor temperatures from -4°F to 124°F (-20°C to 51°C).



Dual-fuel compatibility.

Dimensions



Model	Height in (mm)	Width in (mm)	Depth in (mm)
NAZ-17V36	25 (635)	29-1/8 (740)	29-1/8 (740)
NAZ-17V60	32-7/8 (835)	29-1/8 (740)	29-1/8 (740)

NAZ Heat Pump: The Inside Story

Deep Drawn Venturi for quiet efficient air movement

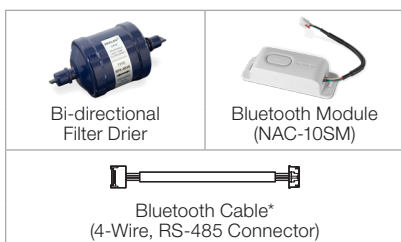
Swept Wing Fan Blades provide quiet operation

Large Suction Accumulator

Gold Coat Outdoor Coil helps shed water and facilitate quick and efficient defrost



Included Parts



*The RS-485 connector is already connected to the Bluetooth module.

Compressor

EEV

High Pressure Switch

Reversing Valve

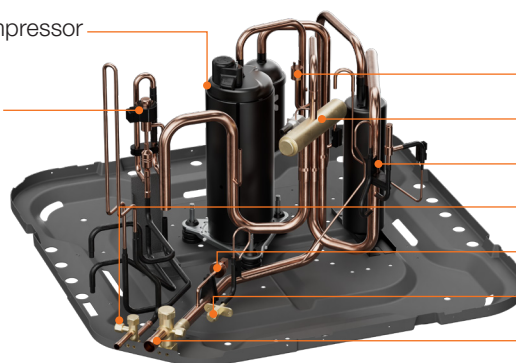
Pressure Equalization Valve

Liquid Service Valve

Pressure Sensor

Vapor Service Valve

Suction Service Valve



NAZ Heat Pump and NAS Air Handler Matches

Match Setup			Capacity (BTU/h)		Efficiency		
Capacity	ODU	IDU	Cooling	Heating	EER2 ¹	SEER2 ²	HSPF2 ³
2 ton	NAZ-17V36	NASS24B2T2A1	22,600	23,600	12	17	8.75
3 ton	NAZ-17V36	NASS36C2T2A1	32,200	32,600	11.1	16.6	8.6
4 ton	NAZ-17V60	NASS48D2T2A1	44,000	44,000	11.1	17.3	8.6
5 ton	NAZ-17V60	NASS59D2T2A1	54,000	56,000	9.85	16.3	8.5
2 ton	NAZ-17V36	NASV24B2T2A1	23,400	25,000	12.40	18.00	8.75
3 ton	NAZ-17V36	NASV36C2T2A1	34,400	36,000	11.70	19.50	8.75
4 ton	NAZ-17V60	NASV48D2T2A1	46,500	45,000	11.40	18.00	9.30
5 ton	NAZ-17V60	NASV59D2T2A1	56,000	56,000	10.45	18.50	9.10

Specifications

Items		Model	
		NAZ-17V36	NAZ-17V60
Unit	Dimensions W x D x H, in (mm)	29-1/8 x 29-1/8 x 25 (740 x 740 x 635)	29-1/8 x 29-1/8 x 32-7/8 (740 x 740 x 835)
	Packing W x D x H, in (mm)	29-7/8 x 29-7/8 x 29-3/8 (759 x 759 x 745)	29-7/8 x 29-7/8 x 37-1/4 (759 x 759 x 945)
	Net/gross weight, lbs (kg)	142/171 (64/78)	190/218 (86/99)
Thermostat type		Conventional 1- or 2-stage	
Electrical data	Voltage (V) – Phase (Ph) – Hertz (Hz)	230 – 1 – 60	
	Minimum circuit ampacity (A)	20	30
	Max. overcurrent protection (A)	30	45
Compressor	Volts (V) min – max	187 – 253	
	Type	Rotary	
	Hz	18–100	
	Rated current (RLA)	13.9	22
Fan motor	LRA	52	58.1
	Power supply	DC	
	RLA (A)	1/7	2/7
	Maximum speed (rpm)	1100	
Coil	FLA (A)	1.1	1.2
	Number of rows	2	
	Tube outside diameter, in	9/32	
Refrigerant system	Tube pitch x row pitch, in (mm)	0.53 x 0.83 (13.5 x 21)	
	Refrigerant	R454B	
	Liquid line, in (mm)	3/8 (9.5)	
	Vapor line, in (mm)	3/4 (19)	7/8 (22.2)
	Factory charge, oz	116.4	155.2
Operating temperature	Expansion valve (for heating)	EEV	
	Cooling mode °F (°C)	5~124 (-15~51.2)	
SEER2	Heating mode °F (°C)	-4~75 (-20~23.9)	
	HSPF2	Up to 19.5*	
SEER2		Up to 19.5*	
HSPF2		Up to 9.3*	

*With select AHRI matched indoor equipment.

Navien reserves the right to change specifications at any time without prior notice. Please refer to www.navieninc.com to verify you have the most current information.

NAZ Heat pump and NAS Air Handler Matches data subject to change. Please visit ahridirectory.org for the latest performance data.

- 1 Energy Efficiency Ratio; Certified per AHRI 210/240
- 2 Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240
- 3 Heating Seasonal Performance Factor; Certified per AHRI 210/240

Sound Ratings

Capacity	Mode	Sound Power Level (dBA) Lw (AHRI 270 63–8000Hz)	Full Octave Sound Power Level (dBA)							
			Center Frequency (Hz)							
			63	125	250	500	1000	2000	4000	8000
3 ton	Low	56	35.2	34.2	44.8	49.6	52.4	48.2	42.9	40.6
	High	78	50.2	58.9	67.3	72.2	74.6	69.3	64.3	56.2
5 ton	Low	60	34.9	41.4	48.9	53.7	55.9	50.7	49.7	44.8
	High	78	54.3	62.1	65.5	73.3	72.7	69.3	65.2	54.9

Rated in accordance with AHRI standard 270 (2015).
Rated in accordance with AHRI standard 275 (2010).

Warranty

Application	Residential	
	Standard	Registered
Compressor & Parts	5 years	10 years
Labor	90 days	90 days

Navien's warranty (which may be changed without prior notice) is subject to the terms and conditions found at www.navieninc.com/warranties.



We are @Navieninc everywhere



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