



AHRI Rated Cooling Performance

AHRI Certified Reference #	216013446	
AHRI Rated Cooling Capacity	41,500	Btuh
EER	11.40	
Rated Airflow	1750	cfm

Cooling Performance @ Project Parameters

Cooling Capacity	40,833	Btuh
Sensible Capacity	30,391	Btuh
Latent Capacity	10,442	Btuh
Efficiency (at AHRI)	11.40	EER
Efficiency Stage 1	11.40	EER
Outdoor DB Temp	95.0	°F
Entering DB Temp	80.0	°F
Entering WB Temp	67.0	°F
Leaving DB Temp	62.8	°F
Leaving WB Temp	59.4	°F

HP Heating Performance

HP Heating Outside Temp	10.0	°F
HP Heating Entering Air	70.0	°F
HP Heating Capacity	20,600	Btuh
HP Heating Leaving Temp	81.6	°F

Supply Air Performance

Total Supply Air	1637	cfm
Blower Motor	1/2	hp
High Blower Speed Non-Ducted		

Air flow is based on Wet Coil

Electrical Data

Power Supply	208/230	Volts
	3	Phase
	60	Hertz
Minimum Circuit Ampacity	23	Amps
Maximum External Fuse or Circuit Breaker	30	Amps

All wiring must conform to the National Electrical Code and all local codes

NOTE: MOCP (Maximum Overcurrent Protection) value listed is the maximum value as per UL 1995 calculations for MOCP (branch-circuit conductor sizes shown are based on this MOCP). The actual factory installed Overcurrent Protective Device (Circuit Breaker) in this model may be lower than the maximum UL 1995 allowable MOCP value, but still above the UL 1995 minimum calculated value or Minimum Circuit Ampacity (MCA) listed.

Factory Options Selected

- B - 208/230 Volt 3 phase
- 00 - No Heat with Lug Connections
- X - Barometric Fresh Air Damper
- X - 1-inch Fiberglass MERV 2
- X - Beige
- X - Standard Cabinet
- X - Copper/Aluminum Evaporator Coil, Copper/Aluminum Condensor Coil
- X - Hi Pressure Switch, Low Pressure Switch, Compressor Control Module, & Refrigerant leak detector (RDS)



Standard Product Features

Wall-Mount Heat Pump

- R-454B A2L Refrigerant that meets the global objectives outlined in the Montreal Protocol and the Kigali Amendment.
- Non-Fiberglass Foil Faced Insulation: Environmentally friendly high "R" value non-fiberglass insulation that is made with recycled denim and cotton materials used with a FSK foil face that is both durable and cleanable
- Durable Cabinet Construction: Multiple cabinet construction options are available for different outdoor conditions. Optional cabinet coatings may be ordered for extreme outdoor environments.
- Multi-speed Electronically commutated indoor motor (ECM) technology.
- Easy Filter Access: Dedicated filter door for simplified maintenance. Compatible with 1" and 2" filters up to MERV13 rating.
- Green Fin Hydrophilic Evaporator Coil: Enhanced wettability coating prevents mold formation, improves condensate drainage, and provides protection against corrosive airborne particulates.
- Copper/Aluminum Condenser Coil: Rifled copper tubing for increased efficiency and aluminum fins for easy cleaning and servicability.
- Enclosed outdoor fan motor with ball bearing construction.
- Copper/Aluminum finned coils, and refrigerant system includes filter drier. Evaporator coil includes green fin coil protection.
- Controls include short cycle protection and phase monitoring. Hi and low pressure switch refrigerant system protection standard.

Series Compliance

- Complies with efficiency requirements of ANSI/ASHRAE/IESNA 90.1-2019.
- Certified to ANSI/AHRI Standard 390-2021 for SPVU (Single Package Vertical Units)
- Intertek ETL Listed to Standard for Safety of Household and Similar Electrical Appliances ANSI/UL STD 60335-1 & ANSI/UL STD 60335-2-40/ CSA STD C22.2 No. 60335-1 & CSA STD C22.2 No. 60335-2-40 Fourth Edition.
- Bard is an ISO 9001:2015 Certified Manufacturer

UNIT	DUCT FREE IN-DOOR COOLING OPERATION @ 5 FT.	DUCT FREE INDOOR COOLING OPERATION @ 10 FT.	DUCTED INDOOR COOLING OPERATION @ 5 FT.	DUCTED INDOOR COOLING OPERATION @ 10 FT.	OUTDOOR @ 10 FT.
W42H	56.1	51.7	56.3	51.1	68.6

Dimensions of Basic Unit for Architectural and Installation Requirements (Inches)

Width (W)	Depth (D)	Height (H)	Supply		Return		E	F	G	I
			A	B	C	B				
42	25.52	84.88	9.88	29.88	15.88	29.88	43.88	12.63	39.06	30
J	K	L	M	N	O	R	S	T	U	V
53.75	26.94	55.59	52.59	8.82	43	1.438	16	1.88	10.5	12

