AHRI Rated Cooling Performance

AHRI Certified Reference #	216013451	
AHRI Rated Cooling Capacity	57,000	Btuh
EER	11.00	
Rated Airflow	2250	cfm

Cooling Performance @ Project Parameters

Cooling Capacity	54,023	Btuh
Sensible Capacity	38,240	Btuh
Latent Capacity	15,783	Btuh
Efficiency (at AHRI)	11.00	EER
Efficiency Stage 1	11.00	EER
Outdoor DB Temp	95.0	°F
Entering DB Temp	80.0	°F
Entering WB Temp	67.0	°F
Leaving DB Temp	60.1	°F
Leaving WB Temp	57.5	°F

HP Heating Performance

HP Heating Outside Temp	10.0	°F
HP Heating Entering Air	70.0	°F
HP Heating Capacity	16,900	Btuh
HP Heating Leaving Temp	78.8	°F

Supply Air Performance

Total Supply Air	1780	cfm
Blower Motor	3/4	hp
High Blower Speed Non-Ducted		

Air flow is based on Wet Coil

Electrical Data

Power Supply	208/230	Volts
	1	Phase
	60	Hertz
Minimum Circuit Ampacity	38	Amps
Maximum External Fuse or Circuit Breaker	45	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.

Approximate Installed Weight

Unit Weight	575	lb
Option Weight	13	lb
Total Weight	588	lb

Factory Options Selected

A - 208/230 Volt 1 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
• Multi-speed Electronically commutated indoor motor (ECM) technology.
• 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.
• R-454B A2L Refrigerant that meets the global objectives outlined in the Montreal Protocol and the Kigali Amendment.
• 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 INDOOR 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.
W60H	56.5	53.3	56	52.7	66.8

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	93	9.88	29.88	15.88	29.88	43.88	12.63	45	30
J	K	L	M	N	O	R	S	T	U	V
59.75	35.06	61.72	58.72	8.82	43	1.438	16	10	15.43	15.43