

Job Name: _____

Purchaser: _____

Submitted To: _____

Submitted By: _____

Unit Designation: _____

Location: _____

Engineer: _____

For: Reference Approval Construction

Date: _____

Nominal Capacities:

Heating Capacity	38,200 Btu/h
Heating Input Power	2.53 kW
Cooling Capacity	43,800 Btu/h
Cooling Input Power	3.91 kW
COP	4.4
EER	11.2

Measuring conditions: Heating Ta DB/WB 44.6°F/42.8°F(7/6°C); LWC 95°F (35°C)
Cooling Ta 95°F(35°C); LWE 64.4°F (18°C)

Ambient Operation Range:

Heating Temp. (Min/Max)	5/95°F ⁽¹⁾ (-15/35°C)
Cooling Temp. (Min/Max)	50/114.8°F (10/46°C)
Domestic Hot Water (Min/Max)	5/95°F ⁽¹⁾⁽²⁾ (-15/35°C)

(1) Models can reach -4°F(-20°C)but without capacity guarantee
(2) Booster heater operation from 95°F(35°C) onwards

Water side Heat Exchanger:

Brazed plate:	Water Volume	0.27 gal
	Water flow rate Min / Max	4.23 / 15.32 gpm
	Nominal water flow rate (Heating)	8.48 gpm
	Nominal water flow rate (Cooling)	9.72 gpm
	Inlet /Outlet Piping connections	1-1/4" (F) BSP
Expansion Vessel:	Volume	2.64 gal
	Max. water pressure	43.5 psi
	Pre pressure	14.5 psi
Pump :	No. of speed	2
	Nominal pump ESP (Heating/Cooling)	7.61/8.11 psi
	Leaving Water Temp (Heating)	77~131°F(25~55°C)
	Leaving Water Temp (Cooling)	41~71.6°F(5~22°C)

Sound Pressure Level:

Heating / Cooling 51/50 (dBA)

Power Supply:

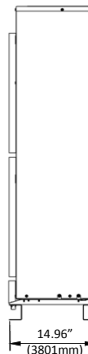
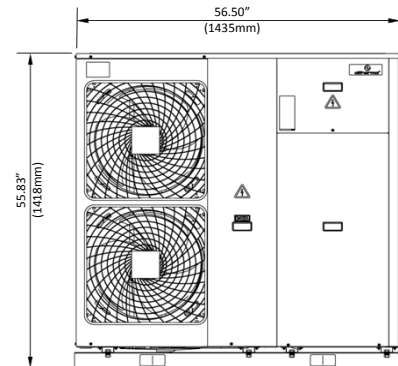
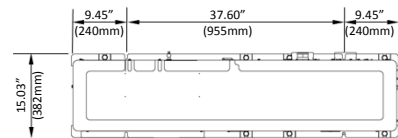
Main Power:	V/PH/Hz	208-230/1/60
	Minimum Circuit Amps (MCA)	26.5 Amps
	Maximum Overcurrent Protection (MOP)	30 Amps
Back-up Heater:	V/PH/Hz	208-230/1/60
	Back-up heater capacity	6 kW
	Minimum Circuit Amps (MCA)	28.6 Amps
	Maximum Overcurrent Protection (MOP)	30 Amps

Unit Data:

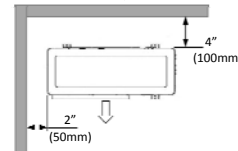
Dimensions (HxWxD)	55-27/32 x 56-1/2 x 15-1/32
Weight	397 lbs

Standard Features:

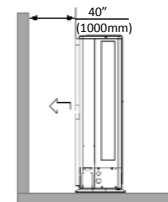
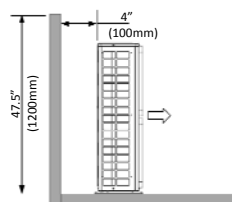
Compressor warranty from date of installation	7 years
Parts warranty	5 years
Limited labor warranty	1 year



For further information about the installation, please refer to the Installation and Engineering Guides



Installation Servicing Space and Clearance



Connections Adaptor Options:

1-1/4" BSPT (Male) By 1-1/4" NPT (Male) DACA-HBA-3