

Job Name: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Submitted To: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Unit Designation: \_\_\_\_\_

Location: \_\_\_\_\_

Engineer: \_\_\_\_\_

For:  Reference  Approval  Construction

Date: \_\_\_\_\_

**Nominal Capacities:**

Heating Capacity	54,600 Btu/h
Heating Input Power	3.93 kW
Cooling Capacity	57,100 Btu/h
Cooling Input Power	6.43 kW
COP	4.1
EER	8.9

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

<b>Brazed plate:</b>	Water Volume	0.27 gal
	Water flow rate Min/Max	4.23/15.32 gpm
	Nominal water flow rate (Heating)	12.13 gpm
	Nominal water flow rate (Cooling)	12.68 gpm
	Inlet /Outlet Piping connections	1-1/4" (F) BSP
<b>Expansion Vessel:</b>	Volume	2.64 gal
	Max. water pressure	43.5 psi
	Pre pressure	14.5 psi
<b>Pump :</b>	No. of speed	2
	Nominal pump ESP (Heating/Cooling)	5.00/6.79 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	52/54 (dBA)
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**Power Supply:**

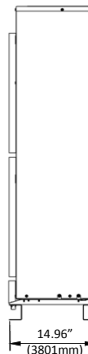
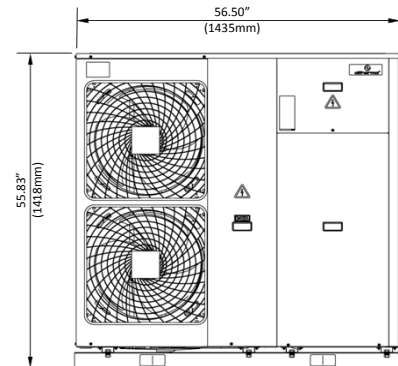
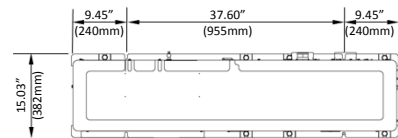
<b>Main Power:</b>	V/PH/Hz	208-230/1/60
	Minimum Circuit Amps (MCA)	26.5 Amps
	Maximum Overcurrent Protection (MOP)	30 Amps
<b>Back-up Heater:</b>	V/PH/Hz	208-230/1/60
	Back-up heater capacity	6 kW
	Minimum Circuit Amps (MCA)	28.6 Amps
	Maximum Overcurrent Protection (MOP)	30 Amps

**Unit Data:**

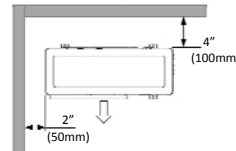
Dimensions (HxWxD)	55-27/32 x 56-1/2 x 15-1/32
Weight	397 lbs

**Standard Features:**

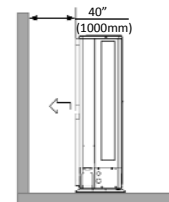
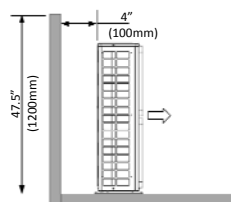
Compressor warranty from date of installation	7 years
Parts warranty	5 years
Limited labor warranty	1 year



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