

# SUBMITTAL DATA SHEET

## Model: PVPA-22

### Air Handler Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



### SPECIFICATION

<b>Compressor Type</b>		GMCC
<b>Compressor Model</b>		KSN140D33UFZ3
<b>Refrigerant</b>		R32
<b>Refrigerant Charge(kg/oz)</b>		1.2(42.32)
<b>Refrigerant Oil</b>		VG74
<b>Refrigerant Oil Charge(mL)</b>		420
<b>Outdoor Fan Motor Model</b>		DQ-DR-310-180-8P
<b>Outdoor Air Flow (CFM)</b>		2328
<b>Indoor Fan Motor Model</b>		DQ-DR-310-150-8A
<b>Indoor Air Flow (CFM)</b>		760
<b>Noise level</b>		70
<b>Dimension (W×D×H)</b>	<b>mm</b>	580×584×1176
	<b>inch</b>	22-53/64×22-63/64×46-19/64
<b>Package (W×D×H)</b>	<b>mm</b>	675×720×1290
	<b>inch</b>	26-9/16×28-11/32×50-25/32
<b>Net/Gross Weight</b>	<b>lbs</b>	207/232

### EFFICIENCY

Cooling		Heating	
<b>SEER2</b>	12.8	<b>HSPF2-4</b>	7.0
<b>EER2</b>	8.3	<b>COP</b>	2.62

### PERFORMANCE of Cooling

Cooling (Btu/hr)	
<b>Rated Capacity</b>	22000
<b>Standard Operating Range(°F/°C)</b>	59~118(15~48)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB
<b>Heating (Btu/hr)</b>	
<b>Rated Capacity</b>	21000
<b>1. @ 17°F Rated</b>	13800
<b>2. @ 5°F Rated: Capacity / COP</b>	11000
<b>Standard Operating Range(°F/°C)</b>	5~81(opt)/37.4~81(-15~27(opt)/3~27)
Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
1. Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
2. Rated Heating Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB
<b>Electric Heat Rated Capacity</b>	20000/24500
<b>Rated Input</b>	6090/7400
<b>Rated Current</b>	29.3/32.2

### ELECTRICAL

<b>Power Supply</b>	208/230V,60Hz,1Ph
<b>MCA</b>	18
<b>MAX.FUSE</b>	45
<b>Communication Wiring</b>	AWG 25*3 Shielded
<b>Compressor RLA</b>	8.4
<b>Outdoor Fan Motor W</b>	180
<b>Outdoor Fan Motor RLA</b>	4.5
<b>Indoor Fan Motor RLA</b>	0.69
<b>Indoor Fan Motor W</b>	150
<b>System Power Input @ Cooling (W)</b>	1890
<b>System Power Input @ Heating (W)</b>	1640

