

SUBMITTAL DATA SHEET

Model: PVPA-18

Air Handler Heat Pump System

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



SPECIFICATION

Compressor Type		GMCC
Compressor Model		KSN140D33UFZ3
Refrigerant		R32
Refrigerant Charge(kg/oz)		1.2(42.32)
Refrigerant Oil		VG74
Refrigerant Oil Charge(mL)		420
Outdoor Fan Motor Model		DQ-DR-310-180-8P
Outdoor Air Flow (CFM)		2328
Indoor Fan Motor Model		DQ-DR-310-150-8A
Indoor Air Flow (CFM)		710
Noise level		70
Dimension (W×D×H)	mm	580×584×1176
	inch	22-53/64×22-63/64×46-19/64
Package (W×D×H)	mm	675×720×1290
	inch	26-9/16×28-11/32×50-25/32
Net/Gross Weight	lbs	207/232

EFFICIENCY

Cooling		Heating	
SEER2	12.8	HSPF2-4	7.1
EER2	9.7	COP	3.22

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	18300
Standard Operating Range(°F/°C)	59~118(15~48)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB
Heating (Btu/hr)	
Rated Capacity	18000
1. @ 17°F Rated	12000
2. @ 5°F Rated: Capacity / COP	10300(1.8)
Standard Operating Range(°F/°C)	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
Electric Heat Rated Capacity	13900/17000
Rated Input	4290/5200
Rated Current	20.6/22.6

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
MCA	18
MAX.FUSE	30
Communication Wiring	AWG 25*3 Shielded
Compressor RLA	6.8
Outdoor Fan Motor W	180
Outdoor Fan Motor RLA	4.5
Indoor Fan Motor RLA	0.69
Indoor Fan Motor W	150
System Power Input @ Cooling (W)	1890
System Power Input @ Heating (W)	1640

