

SUBMITTAL DATA SHEET

Model: PVTA-15

Air Handler Heat Pump System

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



SPECIFICATION

Compressor Type		GMCC
Compressor Model		KSK103D33UEZ3
Refrigerant		R32
Refrigerant Charge(kg/oz)		0.97(34.21)
Refrigerant Oil		VG74
Refrigerant Oil Charge(mL)		280
Outdoor Fan Motor Model		DQ-DR-310-80-8
Outdoor Air Flow (CFM)		2039
Indoor Fan Motor Model		DQ-DR-310-100-8-5
Indoor Air Flow (CFM)		410
Noise level		67
Dimension (W×D×H)	mm	580×584×734
	inch	22-53/64×22-63/64×28-57/64
Package (W×D×H)	mm	670×695×800
	inch	26-3/8×27-23/64×31-31/64
Net/Gross Weight	lbs	132/150

EFFICIENCY

Cooling		Heating	
SEER2	14.0	HSPF2-4	6.4
EER2	10.7	COP	3.20

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	15000
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	14300
1. @ 17°F Rated	9000
2. @ 5°F Rated: Capacity / COP	7300(1.7)
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	4190/5100
Rated Current	20.2/22.2

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
MCA	12
MAX.FUSE	30
Communication Wiring	AWG 25*3 Shielded
Compressor RLA	5.65
Outdoor Fan Motor W	80
Outdoor Fan Motor RLA	0.8
Indoor Fan Motor RLA	0.43
Indoor Fan Motor W	100
System Power Input @ Cooling (W)	1400
System Power Input @ Heating (W)	1310

