



BPM07 7,000 BTU PTAC Heat Pump w/ 3.5 kw heat strip and remote

Submittal Data Sheet

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

Code	22020330000041
Factory model	MWIUP-07AEN1-MM1
Sale model	BPM07



PERFORMANCE DATA

Power supply	V,Hz,Ph	208-230V,1Ph,60Hz
Cooling		
Capacity	Btu/h	7200/6800
Input	W	550/535
Current	A	2.42/2.60
EER	Btu/w	13.1
Heating(Heat pump)		
Capacity	Btu/h	6200/6000
Input	W	505/490
Current	A	2.25/2.41
COP	WW	3.60

UNIT DIMENSION

Dimension(W*D*H) (without wall sleeve)	inch	42x21x16
Packing (W*D*H)	inch	44.1x25.2x18.9
Net/Gross weight	Kg	47.5/52.4
	lbs.	104.7/115.5
Loading quantity 20' /40' /40'HQ	Pieces	72/144/180

INDOOR SIDE DATA

Indoor side fan motor		
Model		YKT-15-6-33
Brand		Welling
Input		38.5
FLA / OUTPUT	A / Wat	0.155 / 21
Capacitor	uF	1.0
Speed(Hi/Mi/Lo)	r/min	1040/970/900
Air flow & Noise level		
Indoor side air flow (Hi/Mi/Lo)	m3/h	570/479/408
Indoor side air flow (Hi/Mi/Lo)	CFM	335/282/240
Indoor side noise level (Hi/Mi/Lo)	dB(A)	51/49.2/49.2

Compressor Electrical

Model		KSN54N11UAJB3
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	1580
Input	W	575
Rated current(RLA)	A	2.75
Locked rotor Amp(LRA)	A	14
Thermal protector		/
Thermal protector position		N/A
Capacitor	uF	15.0
Refrigerant oil/oil charge	ml	VG68 190±10
Connection wiring		12#x3
Plug type		LCDI 6-20P
Thermostat type		Electronic Control

OUTDOOR SIDE DATA

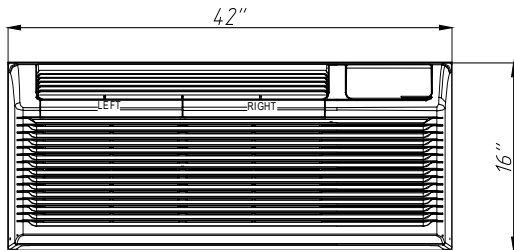
Outdoor side fan motor		
Model		YKT-58-4-3L
Brand		Welling
Input		87.0
FLA / OUTPUT	A / Wat	0.35 / 37
Capacitor	uF	3.0
Speed	r/min	1580
Air flow & Noise level		
Outdoor side noise level	dB(A)	67

Operation temperature

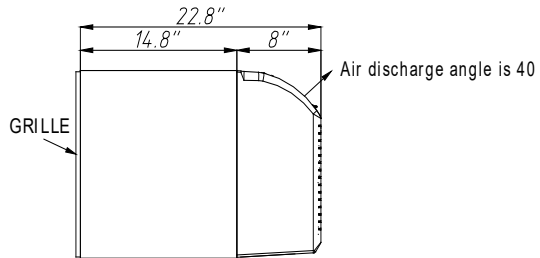
Indoor (cooling/ heating)	°C	17-32/0-27
	°F	62 -90 /32 -80
Outdoor(cooling/heating)	°C	18-43/-5-24
	°F	64 -109 /23 -76

SYSTEM DATA

Design pressure	PSIG	540/300
Refrigerant type	oz	R410A/29.98ozs
Application area (Cooling EPA)	sq.ft	250-300
Application area (Cooling Standard)	m ²	10-14



Front View



Side View

