

## SINGLE-ZONE MINI-SPLIT SUBMITTAL DATA

**SUBMITTAL DATA: 2PAMSH09A-17 SYSTEM**

**9,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEM**

<b>Job Name:</b>		<b>Date:</b>	
<b>Purchaser:</b>		<b>Reference:</b> □	
<b>Submitted To:</b>		<b>Approval:</b> □	
<b>Submitted By:</b>		<b>Construction:</b> □	
<b>System Designation:</b>		<b>Schedule No:</b>	
<b>Location:</b>		<b>Engineer:</b>	
<b>Indoor Model Number: 2PAMSH09A-SZW-17</b>		<b>Notes:</b>	
<b>Outdoor Model Number: 2PAMSH09A-SZO-17</b>			

Power Supply	Ph-V-Hz	115V~ 60Hz, 1Ph	
Cooling*	Rated Capacity	Btu/h	9000
	Input	W	782
	Rated current	A	6.8
	EER	Btu/w	11.5
	SEER	Btu/w	17

Heating*	Rated Capacity	Btu/h	9500
	Input	W	925
	Rated current	A	8.0
	COP	W/W	3.0
	HSPF4	BTU/w	9
	HSPF5	BTU/w	7.6

\* Rating Conditions: (Cooling) - Indoor: 80°F (26.67°C) DB, 67°F (19.44°C) WB; Outdoor: 95°F (35.00°C) DB, 75°F (23.89°C) WB.

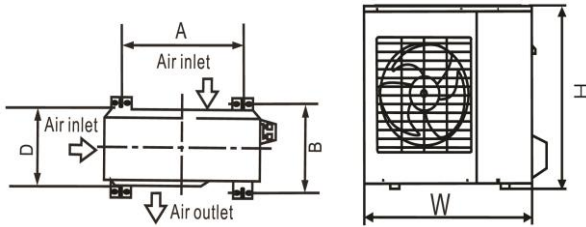
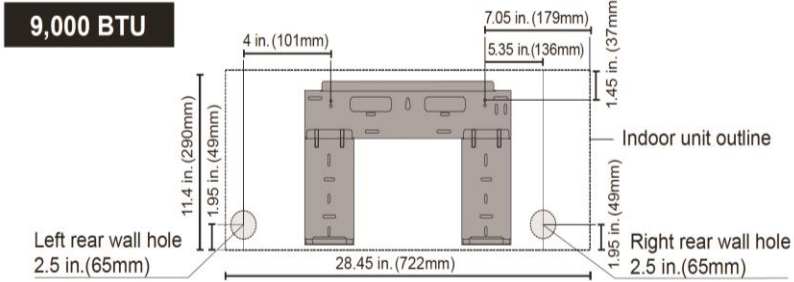
\* Rating Conditions: (Heating) - Indoor: 70°F (21.11°C) DB, 60°F (15.56°C) WB; Outdoor: 47°F (8.33°C) DB, 43°F (6.11°C) WB.

<b>MINIMUM CIRCUIT AMPACITY</b>	A	15	
<b>MAX.FUSE</b>	A	20	
<b>Moisture Removal</b>	pts/h	2.1	
<b>Compressor</b>	Model	ASN98D22UFZ	
	Type	ROTARY	
	Brand	GMCC	
	Capacity	Btu/h	10014
	Input	W	748
<b>Indoor Fan Motor</b>	Rated current (RLA)	A	9.0
	Refrigerant Oil / Oil Charge	ml	ESTER OIL VG74-370
	Model	ZKFP-20-8-5	
	Brand	Welling	
<b>Indoor Air Flow (Hi/Mi/Lo)</b>	Input	W	20(Output)
	RLA	A	0.3
<b>Speed (Hi/Mi/Lo)</b>	r/min	1050/850/650	
<b>Indoor Air Flow (Hi/Mi/Lo)</b>	m <sup>3</sup> /h	420/300/220	
<b>Indoor Air Flow (Hi/Mi/Lo)</b>	CFM	247/176/129	
<b>Indoor Noise Level (Hi/Mi/Lo)</b>	dB(A)	39/-/24.5	
<b>Indoor Unit</b>	Dimension(W*D*H)	mm	722x187x290
	Dimension(W*D*H)	inch	28.43x7.36x11.42
	Packing (W*D*H)	mm	790x270x370
	Packing (W*D*H)	inch	31.10x10.63x14.57
	Net/Gross weight	Kg	7.5/9.5
	lbs.	16.5/20.9	
<b>Outdoor Fan Motor</b>	Model	YKT-32-6-202L	
	Brand	Tongde	
	Input	W	32(Output)
	RLA	A	0.7
<b>Speed</b>	r/min	850	
<b>Outdoor Air Flow</b>	m <sup>3</sup> /h	1800	
<b>Outdoor Air Flow</b>	CFM	1060	
<b>Outdoor Noise Level</b>	dB(A)	56	
<b>Outdoor Unit</b>	Dimension(W*D*H)	mm	770x300x555
	Dimension(W*D*H)	inch	30.31x11.81x21.85
	Packing (W*D*H)	mm	900x345x585
	Packing (W*D*H)	inch	35.43x13.58x23.03
	Net/Gross weight	Kg	29/31.5
	lbs.	63.9/69.4	

<b>Refrigerant Type</b>	g	R410A/799g	
<b>Refrigerant Type</b>	oz	R410A/28.2	
<b>Refrigerant Precharge</b>	ft	25	
<b>Additional Charge For Each Lineal Foot Over 25</b>	oz	0.161	
<b>Design Pressure</b>	PSIG	550/340 PSIG	
<b>Refrigerant Piping</b>	Liquid side / Gas side	mm(in.)	Φ6.35/Φ9.52(1/4"/3/8")
	Max. refrigerant pipe length	m	25
	Max. refrigerant pipe length	ft	82
	Max. difference in height level	m	10
	Max. difference in height level	ft	33
<b>Connection Wiring</b>	16AWG 4 Stranded, unshielded		
<b>Thermostat Type</b>	Remote Control		
<b>Operation Temperature</b>	Indoor (cooling/heating)	°C	17~32/0~30
	Indoor (cooling/heating)	°F	62~90/32~86
	Outdoor (cooling/heating)	°C	0~50/-15~30
	Outdoor (cooling/heating)	°F	32~122/5~86
	Outdoor (cooling/heating) - Low Ambient	°C	-15~50/-15~30
	Outdoor (cooling/heating) - Low Ambient	°F	5~122/5~86
<b>Application Area (Cooling Standard)</b>	m <sup>2</sup>	12-17.6	
<b>Application Area (Cooling Standard)</b>	sq.ft	129-189	



Outdoor Model Number: 2PAMSH09A-SZO-17



Outdoor Unit Dimensions (W x H x D)	Mounting Dimensions	
	A	B
inches	in.	in.
27 x 17 x 10.25	18.1	10.85
27.5 x 21.25 x 9.45	18	9.85
30.7 x 21.25 x 9.85	21.6	10.85
29.9 x 23.2 x 11.2	20.85	11.4
33.25 x 27.5 x 12.6	22	13.2
31.9 x 22 x 12.2	21.6	12.8
27.9 x 21.65 x 10.63	17.7	10.24
30.3 x 21.85 x 11.81	19.2	11.73
31.5 x 21.8 x 13.1	20.24	13.39
33.25 x 27.5 x 13.38	21.26	13.8
35.4 x 33.85 x 12.4	23.2	13.1
37.2 x 31.9 x 15.55	25.2	15.95
37.21 x 31.9 x 16.53	26.5	15.87

