

Mitsutomo Submittal Data Sheet

9K BTU HI Wall Mounted Heat Pump System

Job Name: _____

Engineer: _____

Submitted By: _____

Comments: _____

Date: _____

Unit Tag: _____

System Info & Features:

- Large display handheld remote
 - 24 hr timer
 - Error code diagnostics
 - Functions settings (see manual)
- Economy mode
 - Turbo mode
 - Dehumidification / Dry mode
 - Auto condenser coil cleaning cycle



MODEL NUMBER

Indoor unit:	RW-SZ09-AB-J
Outdoor unit:	RO-SZ09-AB-J
Certified:	 

OPTIONAL ACCESSORIES

Wifi Adapter	17310900A02901
7 Day Programable Wall Thermostat	17317100A31590
24 Hour Wall Thermostat	17317100A36958
24 Volt 3rd Party Thermostat Interface	

SYSTEM PERFORMANCE DATA

Electrical:		
Voltage	(V, Ph, Hz)	115V,1Ph,60Hz
Minimum circuit ampacity (outdoor)	(A)	20.0
Max fuse (outdoor)	(A)	30.0
Connection wiring		14/4 Stranded
Cooling Efficiencies & Capacity Data:		
Capacity	(Btu/h)	9000(2650~10300)
Power Input	(W)	720(245~950)
Current	(A)	6.26(2.13~9.16)
SEER2	(Btu/M)	21.5
EER2	(Btu/W)	12.5
Heating Efficiencies & Capacity Data:		
Capacity	(Btu/h)	10000(2700~10500)
Power Input	(W)	900(220~1200)
Current	(A)	7.82(1.95~10.45)
HSPF2-4	(Btu/W)	9.1
HSPF2-5	(Btu/W)	7.0
COP	W/W	3.26
Heat at 1/F (H32)	(Btu/h)	6300
Heat at 5F (H42)	(Btu/h)	7000
COP at 5F (H42)	WW	2.16
Temperature Ratings:		
Indoor (cooling)	(Deg. F)	60~90
Indoor (heating)	(Deg. F)	32~86
Outdoor (cooling)	(Deg. °F)	5~122
Outdoor (heating)	(Deg. °F)	5~75

REFRIGERANT PIPE DATA

Refrigerant type		R410A
Refrigerant charge	(oz)	25.40
Precharge Length	(ft)	25.0
Additional charge for each ft	(oz/ft)	0.16
Design Pressure	(PSIG)	550/340
Liquid side / Gas side	(inch)	1/4 x 3/8
Max. pipe length	(ft)	82.0
Max. height difference	(ft)	32.8
Refrigerant oil / oil charge	(ml)	ESTER OIL VC74 310
Connection Method		Flared

INDOOR UNIT DATA

Input	(W)	35.0
Output	(W)	20.0
RLA	(A)	0.2
Speed(Hi/Mi/Lo)	(RPM)	1050/810/690

Air Flow & Sound Data:

Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	311.76/238.82/170.00/137.06
Indoor noise level (Hi/Med/Lo)	(DBA)	37.5/28/20
Dehumidification (Dry Mode)	(LPH)	0.891

OUTDOOR UNIT DATA

Compressor:		
Type	Rotary	
Capacity	(Btu/h)	11106
Input	(W)	826
Rated current (RLA)	(A)	14

Outdoor Fan Motor:

Qty		1
Input	(W)	765
Output	(W)	34
RLA	(A)	0.3
Speed	(RPM)	800/600

Airflow & Sound Data:

Outdoor air flow (Max.)	(CFM)	1294
Outdoor noise level	(DBA)	55.0

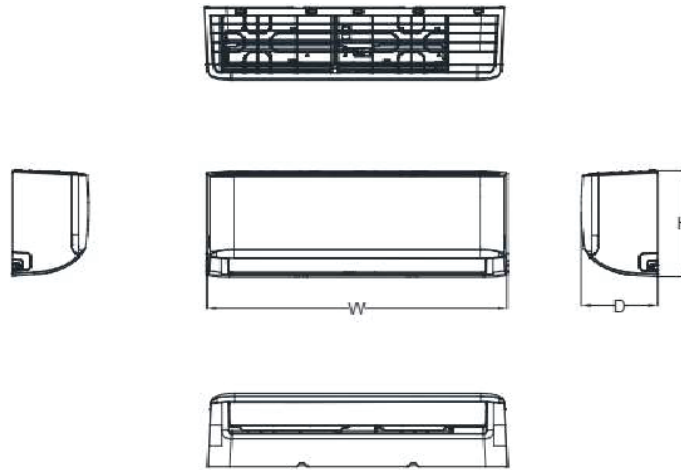
Dimensions:

Indoor:		
Dimension (WxDxH)	(inch)	28.70x7.87x11.50
Packing(WxDxH)	(inch)	31.10x10.63x14.76
Net/Gross weight	(lbs.)	17.64/22.71
Outdoor:		
Dimension (WxDxH)	(inch)	30.12x11.93x21.85
Packing(WxDxH)	(inch)	34.92x13.27x24.02
Net/Gross weight	(lbs.)	57.66x63.49

WARRANTY

	5 years compressor 5 years parts
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Indoor Unit Dimension



WxDxH (inch)
28.70 x 7.87 x 11.50

Outdoor Unit Dimension

