

Mitsutomo Submittal Data Sheet

24K BTU Wall Mounted Heat Pump System

Job Name: _____

Engineer: _____

Date: _____

Submitted By: _____

Unit Tag: _____

Comments: _____

System Info & Features:

- Large display handheld remote
- 24 hr timer
- Error code diagnosis
- Functions settings (see manual)
- Economy mode
- Turbo mode
- Dry mode
- Coil condenser auto cleaning cycle



MODEL NUMBER	
Indoor unit:	RW-SZ24-AB-Q
Outdoor unit:	RO-SZ24-AB-Q
Certified:	

OPTIONAL ACCESSORIES	
Wifi Adapter	17310900A02901
7 Day Programmable Wall Thermostat	17317100A37597
24 Hour Wall Thermostat	17317100A36958
24 Volt 3rd Party Thermostat Interface Adapter	17222000A68532

SYSTEM PERFORMANCE DATA			
Electrical:			
Normal Operational Voltage	(V, Ph, Hz)	208/230V,1Ph,60Hz	
Minimum circuit ampacity (outdoor)	(A)	19.0	
Max fuse (outdoor)	(A)	30.0	
Connection wiring		14/4 Stranded	
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	24000(6200~24600)	
Power Input	(W)	2520(292~2900)	
Current	(A)	11.2(1.95~12.7)	
SEER2	(Btu/W)	18.5	
EER2	(Btu/W)	9.5	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	24000(6800~26800)	
Power Input	(W)	2350(437~2900)	
Current	(A)	10.25(2.88~12.7)	
HSPF2-4	(Btu/W)	8.6	
HSPF2-5	(Btu/W)	6.6	
COP	W/W	2.99	
Heat at 17F (H32)	(Btu/h)	14500	
Heat at 5F (H42)	(Btu/h)	14800	
COP at 5F (H42)	W/W	1.83	
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	

INDOOR UNIT DATA		
Input	(W)	58.0
Output	(W)	58.0
RLA	(A)	0.5
Speed(Hi/Mi/Lo)	(RPM)	1200/1080/600
Air Flow & Sound Data:		
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	727.65/546.47/402.35/330.59
Indoor noise level (Hi/Med/Lo)	(DBA)	45/39.5/36
Dry Mode (Dehumidification)	(LPH)	2.7

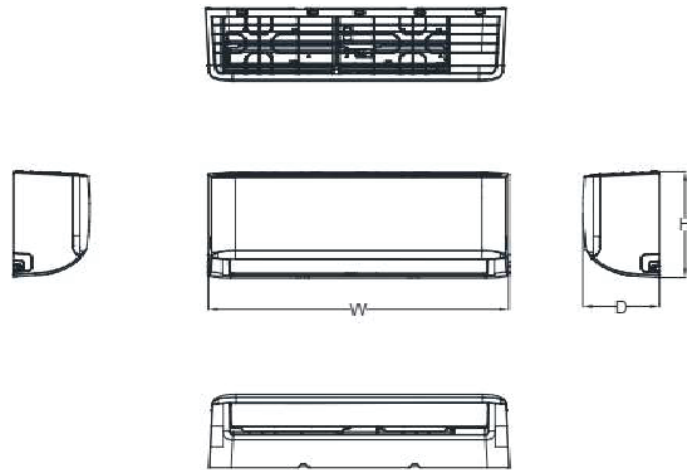
OUTDOOR UNIT DATA	
Compressor:	
Type	Twin-ROTARY
Capacity	(Btu/h) 25931
Input	(W) 2045
Rated current (RLA)	(A) 14.25
Outdoor Fan Motor:	
Qty	1
Input	(W) /
Output	(W) 80
RLA	(A) 0.8
Speed	(RPM) 810/720
Airflow & Sound Data:	
Outdoor air flow (Max.)	(CFM) 1765
Outdoor noise level	(DBA) 60.0

REFRIGERANT PIPE DATA			
Refrigerant type		R410A	
Refrigerant charge	(oz)	62.79	
Design pressure	(PSIG)	550/340	
Liquid side / Gas side	(inch)	3/8" / 5/8"	
Max. pipe length	(ft)	164.0	
Max. height difference	(ft)	82.0	
Refrigerant Precharge	(ft)	25.0	
Additional charge for each ft	(oz/ft)	0.32	
Connection method		Flared	
Refrigerant oil / oil charge	(ml)	ESTER OIL VG74 620	

Dimensions:		
Indoor:		
Dimension (WxDxH)	(inch)	42.60x9.21x13.27
Packing(WxDxH)	(inch)	45.47x16.34x12.40
Net/Gross weight	(lbs.)	29.98/38.14
Outdoor:		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
Packing(WxDxH)	(inch)	39.17x15.67x29.13
Net/Gross weight	(lbs.)	97.88/104.50

WARRANTY	
	5 years compressor 5 years parts

Indoor Unit Dimension



WxDxH (inch)
42.60 x 9.21 x 13.27

Outdoor Unit Dimension

