

Mitsutomo Submittal Data Sheet

18K BTU Wall Mounted Heat Pump System

Job Name: _____

Engineer: _____

Date: _____

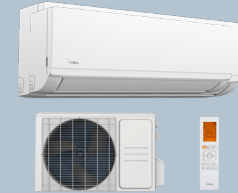
Submitted By: _____

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-SZ18-AB-Q
Outdoor unit:	RO-SZ18-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)	15.0	
Max fuse (outdoor)	(A)	20.0	
Connection wiring	14/4 Stranded		
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	18000(3900~20000)	
Power Input	(W)	1638(180~1480)	
Current	(A)	7.5(0.78~6.43)	
SEER2	(Btu/W)	19.5	
EER2	(Btu/W)	11.0	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	18800(6300~19400)	
Power Input	(W)	1806(375~1770)	
Current	(A)	/(1.63~7.69)	
HSPF2-4	(Btu/W)	8.7	
HSPF2-5	(Btu/W)	6.8	
COP	W/W	3.05	
Heat at 17F (H32)	(Btu/h)	11400	
Heat at 5F (H42)	(Btu/h)	11700	
COP at 5F (H42)	W/W	2.06	
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)	47.62
Design pressure	(PSIG)	550/340
Liquid side / Gas side	(inch)	1/4" / 1/2"
Max. pipe length	(ft)	98.4
Max. height difference	(ft)	65.6
Refrigerant Precharge	(ft)	25.0
Additional charge for each ft	(oz/ft)	0.16
Connection method	Flared	
Refrigerant oil / oil charge	(ml)	VG74 440

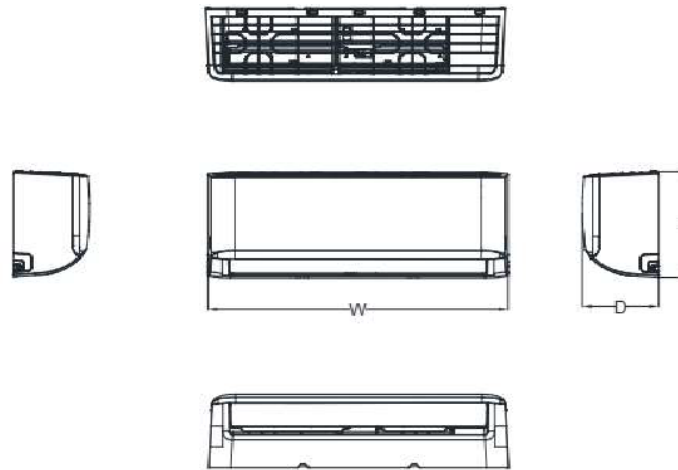
INDOOR UNIT DATA		
Input	(W)	36.0
Output	(W)	30.0
RLA	(A)	0.4
Speed(Hi/Mi/Lo)	(RPM)	1200/1000/700
Air Flow & Sound Data:		
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	/458.82/329.41/270.59
Indoor noise level (Hi/Med/Lo)	(DBA)	45/38/30.0
Dry Mode (Dehumidification)	(LPH)	2.49

OUTDOOR UNIT DATA		
Compressor:		
Type	Rotary	
Capacity	(Btu/h)	14962
Input	(W)	1140
Rated current (RLA)	(A)	10
Outdoor Fan Motor:		
Qty	1	
Input	(W)	/
Output	(W)	34
RLA	(A)	0.7
Speed	(RPM)	950/800/650/450
Airflow & Sound Data:		
Outdoor air flow (Max.)	(CFM)	1235
Outdoor noise level	(DBA)	57.0

Dimensions:		
Indoor:		
Dimension (WxDxH)	(inch)	38.23x8.98x12.64
Packing(WxDxH)	(inch)	41.14x12.01x15.94
Net/Gross weight	(lbs.)	24.47/31.75
Outdoor:		
Dimension (WxDxH)	(inch)	31.69x12.99x21.81
Packing(WxDxH)	(inch)	36.02x14.57x24.21
Net/Gross weight	(lbs.)	73.85/79.81

WARRANTY	
	5 years compressor 5 years parts

Indoor Unit Dimension



WxDxH (inch)
38.23 x 8.98 x 12.64

Outdoor Unit Dimension

