

Mitsutomo Submittal Data Sheet

36K BTU Wall Mounted Heat Pump System

Job Name: _____

Engineer: _____

Submitted By: _____

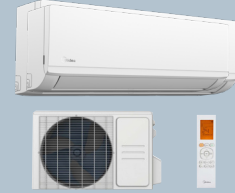
Comments: _____

Date: _____

Unit Tag: _____

System Info & Features:

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



MODEL NUMBER	
Indoor unit:	RW-SZ36-AC-Q
Outdoor unit:	RO-SZ36-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)	28.0	
Max fuse (outdoor)	(A)	35.0	
Connection wiring		14AWG*4	
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	36000(8900~36300)	
Power Input	(W)	4256(250~3620)	
Current	(A)	18.4(1.1~15.7)	
SEER2	(Btu/W)	17.5	
EER2	(Btu/W)	8.5	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	36000(11400~37800)	
Power Input	(W)	4270(700~4185)	
Current	(A)	18.9(3~18.2)	
HSPF2-4	(Btu/W)	8.7	
HSPF2-5	(Btu/W)	6.8	
COP	W/W	2.47	
Heat at 17F (H32)	(Btu/h)	24000	
Heat at 5F (H42)	(Btu/h)	17600	
COP at 5F (H42)	W/W	1.97	
Temperature Ratings:			
Indoor (cooling)	(Deg. °F)	62~90	
Indoor (heating)	(Deg. °F)	32~86	
Outdoor (cooling)	(Deg. °F)	5~122	
Outdoor (heating)	(Deg. °F)	5~86	

REFRIGERANT PIPE DATA	
Refrigerant type	R410A
Refrigerant charge	(oz) 119.93
Design pressure	(PSIG) 550/340
Liquid side / Gas side	(inch) 3/8" / 5/8"
Max. pipe length	(ft) 213.3
Max. height difference	(ft) 98.4
Refrigerant Precharge	(ft) 25.0
Additional charge for each ft	(oz/ft) 0.32
Connection method	Flared
Refrigerant oil / oil charge	(ml) VG74/670

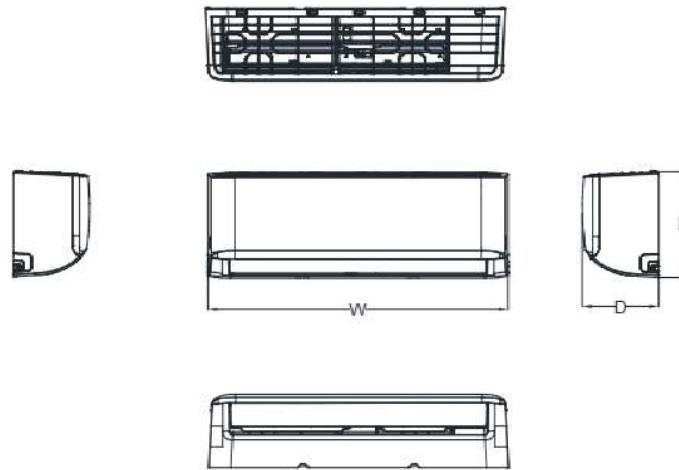
INDOOR UNIT DATA		
Input	(W)	58.00
Output	(W)	58.0
RLA	(A)	0.5
Speed(Hi/Mi/Lo)	(RPM)	1200/950/750
Air Flow & Sound Data:		
Indoor air flow (Hi/Med/Lo)	(CFM)	882.35/732.35/517.65/400.00
Indoor noise level (Hi/Med/Lo)	(DBA)	56.5/54.5/40
Dry Mode (Dehumidification)	(LPH)	4.72

OUTDOOR UNIT DATA		
Compressor:		
Type		ROTARY
Capacity	(Btu/h)	27620
Input	(W)	2200
Rated current (RLA)	(A)	18
Outdoor Fan Motor:		
Qty		1
Input	(W)	150.0
Output	(W)	120
RLA	(A)	0.5
Speed	(RPM)	1150/1050/900/850
Airflow & Sound Data:		
Outdoor air flow (Max.)	(CFM)	2235
Outdoor noise level	(DBA)	63.5

Dimensions:		
Indoor:		
Dimension (WxDxH)	(inch)	49.57x11.10x14.25
Packing(WxDxH)	(inch)	52.76x17.72x15.16
Net/Gross weight	(lbs.)	40.34/52.69
Outdoor:		
Dimension (WxDxH)	(inch)	37.24x16.14x31.89
Packing(WxDxH)	(inch)	42.91x19.69x34.84
Net/Gross weight	(lbs.)	150.13/158.95

WARRANTY	
	5 years compressor 5 years parts

Indoor Unit Dimension



WxDxH (inch)
49.57 x 11.10 x 14.25

Outdoor Unit Dimension

