

## Mitsutomo Submittal Data Sheet

### 12k High Heat One Way Cassette Heat Pump System

Job Name: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_




Date: \_\_\_\_\_

Unit Tag: \_\_\_\_\_

#### System Info & Features:

- One way ceiling cassette heat pumps
- Fits between most ceiling joists
- Large display and handheld remote
  - 24 hour timer
  - Error code diagnosis
  - Functions settings (see manual)
- 7-Day Programmable wall mount wifi thermostat with infrared
- Economy mode
- Turbo mode
- Dry mode
- Heating down to -22 degrees
- Drop down filter



MODEL NUMBER	
Indoor unit:	HJ-UZ12-AB-Q
Outdoor unit:	HO-SZ12-AB-Q
Certified:	  

OPTIONAL ACCESSORIES	
Wifi Adapter	17310900A02901
3rd Party Thermostat Interface Adapter	17222000A68532

SYSTEM PERFORMANCE DATA			
<b>Electrical:</b>			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Minimum circuit ampacity (outdoor)	(A)	15.0	
Max fuse (outdoor)	(A)	15.0	
Connection wiring		14/4 STRANDED	
<b>Cooling Efficiencies &amp; Capacity Data:</b>			
Capacity	(Btu/h)	12000(4000~14100)	
Power Input	(W)	923(147~1257)	
Current	(A)	4.17(1.17~5.54)	
SEER2	(Btu/W)	23.0	
EER2	(Btu/W)	13.0	
<b>Heating Efficiencies &amp; Capacity Data:</b>			
Capacity	(Btu/h)	12500(4600~15000)	
Power Input	(W)	1150(362~1500)	
Current	(A)	4.85(1.73~6.59)	
HSPF2-4	(Btu/W)	10.0	
HSPF2-5	(Btu/W)	7.8	
COP	W/W	3.19	
Heat at 17F (H32)	(Btu/h)	9500	
Heat at 5F (H42)	(Btu/h)	11000	
COP at 5F (H42)	W/W	1.80	
<b>Temperature Ratings:</b>			
Indoor (cooling)	(Deg. °F)	60~90	
Indoor (heating)	(Deg. °F)	32~86	
Outdoor (cooling)	(Deg. °F)	-22~122	
Outdoor (heating)	(Deg. °F)	-22~75	

INDOOR UNIT DATA		
Input	(W)	/
Output	(W)	30.0
RLA	(A)	1.00
Speed(Hi/Mi/Lo)	(RPM)	1075/982/797
<b>Air Flow &amp; Sound Data:</b>		
Indoor air flow (Hi/Med/Lo)	(CFM)	352.94/311.76/282.35/247.06
Indoor noise level (Hi/Med/Lo)	(DBA)	38.5/37/32.5
Dry Mode (Dehumidification)	(LPH)	1.45

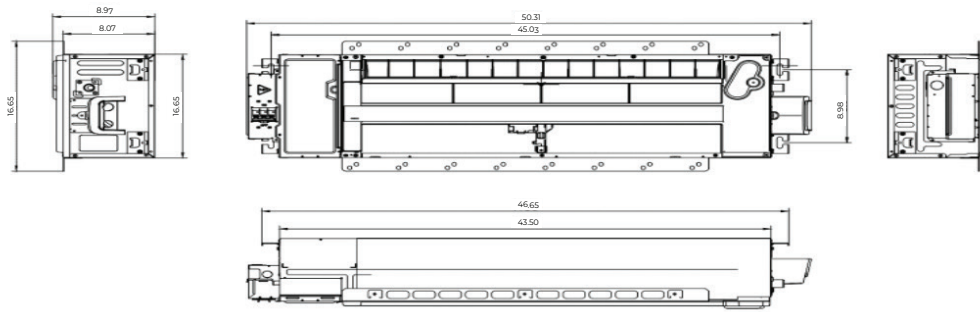
OUTDOOR UNIT DATA		
<b>Compressor:</b>		
Type		Rotary
Capacity	(Btu/h)	11823
Input	(W)	885
Rated current (RLA)	(A)	8.8
<b>Outdoor Fan Motor:</b>		
Qty		1
Input	(W)	/
Output	(W)	34.00
RLA	(A)	0.36
Speed	(RPM)	850/680/450
<b>Airflow &amp; Sound Data:</b>		
Outdoor air flow (Max.)	(CFM)	1323.5
Outdoor noise level	(DBA)	56.0

REFRIGERANT PIPE DATA		
Refrigerant type		R410A
Refrigerant charge	(oz)	41.62
Design pressure	(PSIG)	550/340
Liquid side / Gas side	(inch)	1/4" / 1/2"
Max. pipe length	(ft)	82.0
Max. height difference	(ft)	32.8
Refrigerant precharge	(ft)	25.0
Additional charge for each ft	(oz/ft)	0.16
Connection method		Flared
Refrigerant oil / oil charge	(ml)	VG74/350

DIMENSIONS		
<b>Indoor:</b>		
Dimension (WxDxH)	(inch)	50.31x13.19x8.98
Packing(WxDxH)	(inch)	57.60x22.48x22.64
Net/Gross weight	(lbs.)	45.19/82.89
<b>Outdoor:</b>		
Dimension (WxDxH)	(inch)	31.69x12.99x21.81
Packing(WxDxH)	(inch)	36.02x14.57x24.21
Net/Gross weight	(lbs.)	73.63/79.37

WARRANTY	
	5 years compressor 5 years parts

## Indoor Unit Dimension



## Outdoor Unit Dimension

