

## Mitsutomo Submittal Data Sheet

### 12K High Heat 4 Way Cassette Single Zone Heat Pump System

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

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

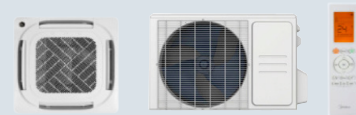
Submitted By: \_\_\_\_\_

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

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

#### System Info & Features:

- Large display and handheld remote
  - 24 our timer
  - Error code diagnosis
  - Functions settings (see manual)
- Economy Mode
- Turbo Mode
- Dry Mode
- Heating Down to -22 deg
- Fresh Air Intake
- Self Diagnostics
- Super Quiet
- Built in Condensate Pump 25" Lift
- Fits between most 24"x24" Ceiling Tiles
- 7 Day Programmable Wall Thermostat



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

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

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 AWG	
<b>Cooling Efficiencies &amp; Capacity Data:</b>			
Capacity	(Btu/h)	12000(3000~13700)	
Power Input	(W)	945(162~1350)	
Current	(A)	4.32(1.24~6.18)	
SEER2	(Btu/W)	22.3	
EER2	(Btu/W)	12.7	
<b>Heating Efficiencies &amp; Capacity Data:</b>			
Capacity	(Btu/h)	12000(2000~15300)	
Power Input	(W)	1080(146~1350)	
Current	(A)	4.99(1.15~5.88)	
HSPF2-4	(Btu/W)	10.2	
HSPF2-5	(Btu/W)	8.0	
COP	W/W	3.26	
Heat at 17F (H32)	(Btu/h)	9900	
Heat at 5F (H42)	(Btu/h)	11300	
COP at 5F (H42)	W/W	1.89	
<b>Temperature Ratings:</b>			
Indoor (cooling)	(Deg. °F)	62~90	
Indoor (heating)	(Deg. °F)	32~86	
Outdoor (cooling)	(Deg. °F)	-22~122	
Outdoor (heating)	(Deg. °F)	-22~75	

INDOOR UNIT DATA		
Input	(W)	45.00
Output	(W)	46.0
RLA	(A)	0.00
Speed(Hi/Mi/Lo)	(RPM)	/
<b>Air Flow &amp; Sound Data:</b>		
Indoor air flow (Hi/Med/Lo)	(CFM)	335.29 / 282.35 / 241.18
Indoor noise level (Hi/Med/Lo)	(DBA)	40.5 / 35.5 / 31.5
Dry Mode (Dehumidification)	(LPH)	1.69

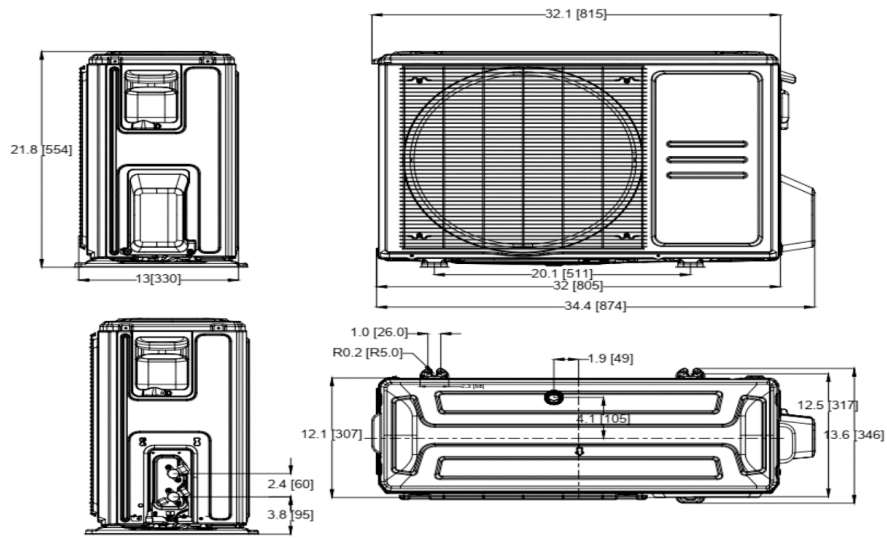
REFRIGERANT PIPE DATA	
Refrigerant type	R410A
Refrigerant charge	(oz) 41.62
Design pressure	(PSIG) 550/340
Liquid side / Gas side	(inch) 1/4" / 1/2"
Max. pipe length	(ft) 82.0
Max. height difference	(ft) 32.8
Refrigerant Precharge	(ft) 25.0
Additional charge for each ft	(oz/ft) 0.16
Connection method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

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)	52.5

Dimensions:		
<b>Indoor:</b>		
Dimension (WxDxH)	(inch)	22.44 x 22.44 x 10.24
Packing(WxDxH)	(inch)	26.06 x 26.06 x 12.48
Net/Gross weight	(lbs.)	35.27 / 41.01
<b>Outdoor:</b>		
Dimension (WxDxH)	(inch)	31.69 x 12.99 x 21.81
Packing(WxDxH)	(inch)	36.02 x 14.57 x 24.21
Net/Gross weight	(lbs.)	73.63 / 79.37

WARRANTY	
	5 years compressor 5 years parts

## Outdoor Unit Dimension



## Indoor Unit Dimension

