

Mitsutomo Submittal Data Sheet

24K 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
- 7 Day Programmable Wall Thermostat



MODEL NUMBER	
Indoor unit:	HC-UZ24-AB-Q
Outdoor unit:	HO-SZ24-AB-Q
Certified:	

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

SYSTEM PERFORMACE DATA			
Electrical:			
Normal Operational Voltage	(V, Ph, Hz)	208/230V,1Ph, 60Hz	
Minimum circuit ampacity (outdoor)	(A)	25.0	
Max fuse (outdoor)	(A)	35.0	
Connection wiring		14/4 AWG	
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	24000(8000~25000)	
Power Input	(W)	2182(330~1560)	
Current	(A)	8.5(2.6~11)	
SEER2	(Btu/W)	20.5	
EER2	(Btu/W)	11.0	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	25000(11800~27000)	
Power Input	(W)	2093(685~2814)	
Current	(A)	9.8(4.4~12.8)	
HSPF2-4	(Btu/W)	11.5	
HSPF2-5	(Btu/W)	9.2	
COP	W/W	3.50	
Heat at 17F (H32)	(Btu/h)	21000	
Heat at 5F (H42)	(Btu/h)	25800	
COP at 5F (H42)	W/W	2.00	
Temperature Ratings:			
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)	45.0	
RLA	(A)	1.00	
Speed(Hi/Mi/Lo)	(RPM)	680 / 624 / 568 / 512	
Air Flow & Sound Data:			
Indoor air flow (Hi/Med/Lo)	(CFM)	764.71 / 705.88 / 635.29 / 547.06	
Indoor noise level (Hi/Med/Lo)	(DBA)	48 / 45.5 / 43	
Dry Mode (Dehumidification)	(LPH)	3	

REFRIGERANT PIPE DATA			
Refrigerant type		R410A	
Refrigerant charge	(oz)	91.71	
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	

OUTDOOR UNIT DATA			
Compressor:			
Type		Twin-ROTARY	
Capacity	(Btu/h)	25931	
Input	(W)	2045	
Rated current (RLA)	(A)	17.1	
Outdoor Fan Motor:			
Qty		1	
Input	(W)	150.00	
Output	(W)	120.00	
RLA	(A)	0.50	
Speed	(RPM)	950 / 800 / 500	
Airflow & Sound Data:			
Outdoor air flow (Max.)	(CFM)	2235.3	
Outdoor noise level	(DBA)	62.0	

Dimensions:			
Indoor:			
Dimension (WxDxH)	(inch)	32.68 x 32.68 x 8.07	
Packing(WxDxH)	(inch)	35.83 x 35.83 x 9.84	
Net/Gross weight	(lbs.)	47.18 / 55.34	
Outdoor:			
Dimension (WxDxH)	(inch)	37.24 x 16.14 x 31.89	
Packing(WxDxH)	(inch)	42.91 x 19.69 x 34.84	
Net/Gross weight	(lbs.)	134.48 / 144.40	

WARRANTY	
	5 years compressor 5 years parts

