



## Mitsutomo Submittal Data Sheet

### 48K 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-UZ48-BB-Q
Outdoor unit:	HO-SZ48-BB-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)	40.0	
Max fuse (outdoor)	(A)	50.0	
Connection wiring	14AWG*2 Stranded, shielded		
<b>Cooling Efficiencies &amp; Capacity Data:</b>			
Capacity	(Btu/h)	48000(2700~48900)	
Power Input	(W)	6070(570~6100)	
Current	(A)	25.24(4.30~25.80)	
SEER2	(Btu/W)	16.8	
EER2	(Btu/W)	8.3	
<b>Heating Efficiencies &amp; Capacity Data:</b>			
Capacity	(Btu/h)	53000(11800~58000)	
Power Input	(W)	4900(870~5690)	
Current	(A)	21.92(4.33~24.90)	
HSPF2-4	(Btu/W)	10.7	
HSPF2-5	(Btu/W)	8.5	
COP	W/W	3.17	
Heat at 17F (H32)	(Btu/h)	35000	
Heat at 5F (H42)	(Btu/h)	48000	
COP at 5F (H42)	W/W	1.98	
<b>Temperature Ratings:</b>			
Indoor (cooling)	(Deg. °F)	60~90	
Indoor (heating)	(Deg. °F)	32~86	
Outdoor (cooling)	(Deg. °F)	5~122	
Outdoor (heating)	(Deg. °F)	-22~75	

INDOOR UNIT DATA			
Input	(W)		157.00
Output	(W)		125.0
RLA	(A)		1.50
Speed(Hi/Mi/Lo)	(RPM)	800/730/660/590/456	
<b>Air Flow &amp; Sound Data:</b>			
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	1288.24/1170.59/1058.82/935.29	
Indoor noise level (Hi/Med/Lo)	(DBA)	55.5/52.5/50	
Dry Mode (Dehumidification)	(LPH)		5.4

OUTDOOR UNIT DATA			
<b>Compressor:</b>			
Type	ROTARY		
Capacity	(Btu/h)		44015
Input	(W)		3565
Rated current (RLA)	(A)		33.0
<b>Outdoor Fan Motor:</b>			
Qty	2		
Input	(W)		126.00
Output	(W)		85.00
RLA	(A)		1.20
Speed	(RPM)	900 / 850 / 800 / 750	
<b>Airflow &amp; Sound Data:</b>			
Outdoor air flow (Max.)	(CFM)		4500.0
Outdoor noise level	(DBA)		66.5

REFRIGERANT PIPE DATA			
Refrigerant type	R410A		
Refrigerant charge	(oz)		148.20
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)	1460±15ml	ESTER OIL VG74

Dimensions:			
<b>Indoor:</b>			
Dimension (WxDxH)	(inch)		32.68 x 32.68 x 11.30
Packing(WxDxH)	(inch)		35.83 x 35.83 x 12.99
Net/Gross weight	(lbs.)		64.59 / 74.07
<b>Outdoor:</b>			
Dimension (WxDxH)	(inch)		37.48 x 16.34 x 52.48
Packing(WxDxH)	(inch)		43.11 x 19.49 x 58.27
Net/Gross weight	(lbs.)		227.07 / 255.73

WARRANTY	
	5 years compressor 5 years parts

