

Mitsutomo Submittal Data Sheet

18k 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-UZ18-AB-Q
Outdoor unit:	HO-SZ18-AB-Q
✓Certified:	

OPTIONAL ACCESSORIES

Wifi Adapter	17310900A02901
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)	20.0	
Max fuse (outdoor)	(A)	25.0	
Connection wiring		14/4 STRANDED	
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	16700(6100~17500)	
Power Input	(W)	1337(305~1880)	
Current	(A)	8.30(2.2~8.0)	
SEER2	(Btu/W)	19.8	
EER2	(Btu/W)	12.5	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	20000(6450~21500)	
Power Input	(W)	2086(1000~2220)	
Current	(A)	12.3(4.5~9.5)	
HSPF2-4	(Btu/W)	11.2	
HSPF2-5	(Btu/W)	8.5	
COP	W/W	2.81	
Heat at 17F (H32)	(Btu/h)	14500	
Heat at 5F (H42)	(Btu/h)	16700	
COP at 5F (H42)	W/W	1.93	
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	

REFRIGERANT PIPE DATA

Refrigerant type		R410A
Refrigerant charge	(oz)	65.26
Design pressure	(PSIG)	550/340
Liquid side / Gas side	(inch)	1/4" / 1/2"
Max. pipe length	(ft)	98.4
Max. height difference	(ft)	65.6
Refrigerant precharge	(ft)	25.0
Additional charge for each ft	(oz/ft)	0.16
Connection method		Flared
Refrigerant oil / oil charge	(ml)	ESTER OIL VG74 620

INDOOR UNIT DATA

Input	(W)	/
Output	(W)	30.0
RLA	(A)	1.50
Speed(Hi/Mi/Lo)	(RPM)	1344/1184/1024
Air Flow & Sound Data:		
Indoor air flow (Hi/Med/Lo)	(CFM)	400.00/351.76/300.00/207.06
Indoor noise level (Hi/Med/Lo)	(DBA)	44/40.5/35
Dry Mode (Dehumidification)	(LPH)	2.18

OUTDOOR UNIT DATA

Compressor:		
Type		Twin-ROTARY
Capacity	(Btu/h)	25931
Input	(W)	2045
Rated current (RLA)	(A)	14.3
Outdoor Fan Motor:		
Qty		1
Input	(W)	/
Output	(W)	80.00
RLA	(A)	0.76
Speed	(RPM)	810/720
Airflow & Sound Data:		
Outdoor air flow (Max.)	(CFM)	1764.7
Outdoor noise level	(DBA)	57.5

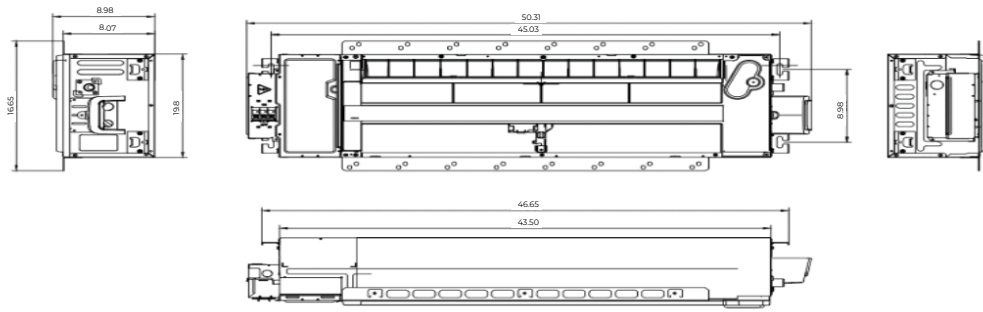
DIMENSIONS

Indoor:		
Dimension (WxDxH)	(inch)	50.31x13.19x8.98
Packing(WxDxH)	(inch)	57.60x22.48x22.64
Net/Gross weight	(lbs.)	45.19/82.89
Outdoor:		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
Packing(WxDxH)	(inch)	39.17x15.67x29.13
Net/Gross weight	(lbs.)	100.97/108.03

WARRANTY

	5 years compressor 5 years parts
--	-------------------------------------

Indoor Unit Dimension



Outdoor Unit Dimension

