

Mitsutomo Submittal Data Sheet

36K 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-UZ36-BB-Q
Outdoor unit:	HO-SZ36-BB-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)	40.0	
Max fuse (outdoor)	(A)	50.0	
Connection wiring		14AWG*2 Stranded, shielded	
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	36,000(12,400~36,000)	
Power Input	(W)	4,000(477~4,000)	
Current	(A)	17.6(3.33~17.61)	
SEER2	(Btu/W)	19.4	
EER2	(Btu/W)	9.5	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	40000(11200~50000)	
Power Input	(W)	3850(666~3700)	
Current	(A)	17.1(3.72~16.9)	
HSPF2-4	(Btu/W)	10.5	
HSPF2-5	(Btu/W)	8.5	
COP	W/W	3.05	
Heat at 17F (H32)	(Btu/h)	33000	
Heat at 5F (H42)	(Btu/h)	40000	
COP at 5F (H42)	W/W	1.85	
Temperature Ratings:			
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)	1.00
Speed(Hi/Mi/Lo)	(RPM)	760/696/632/568/440
Air Flow & Sound Data:		
Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	1041.18 / 947.06 / 852.94 / 752.94
Indoor noise level (Hi/Med/Lo)	(DBA)	52.5 / 50 / 46.5
Dry Mode (Dehumidification)	(LPH)	4.54

REFRIGERANT PIPE DATA		
Refrigerant type		R410A
Refrigerant charge	(oz)	148.40
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±15mlESTER OIL VG74

OUTDOOR UNIT DATA		
Compressor:		
Type		ROTARY
Capacity	(Btu/h)	44015
Input	(W)	3565
Rated current (RLA)	(A)	32.0
Outdoor Fan Motor:		
Qty		2
Input	(W)	126.00
Output	(W)	85.00
RLA	(A)	1.20
Speed	(RPM)	800 / 750 / 650
Airflow & Sound Data:		
Outdoor air flow (Max.)	(CFM)	4500.0
Outdoor noise level	(DBA)	63.5

Dimensions:		
Indoor:		
Dimension (WxDxH)	(inch)	32.68 x 32.68 x 9.65
Packing(WxDxH)	(inch)	35.83 x 35.83 x 11.42
Net/Gross weight	(lbs.)	59.97 / 69.00
Outdoor:		
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.)	220.24 / 248.02

WARRANTY	
	5 years compressor 5 years parts

