

Mitsutomo Submittal Data Sheet

36K Multi Zone Heat Pump

Job Name: _____

Engineer: _____

Submitted By: _____

Date: _____

Unit Tag: _____

System Info & Features:

- 4 Port
- Mix and match evaporators
- High heat down to -22 deg
- Auto condenser coil cleaning cycle



MODEL NUMBER	
Outdoor Unit:	HO-MQ36-AC-Q
Certified:	
Warranty:	5 years compressor 5 years parts

SYSTEM PERFORMANCE DATA			
Electrical:			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Minimum circuit ampacity (outdoor)	(A)	36.0	
Max fuse (outdoor)	(A)	50.0	
Connection wiring	14AWG*4 Stranded, unshielded		
Cooling Efficiencies & Capacity Data:	NON DUCTED	DUCTED	
Capacity (Btu/h)	36000(12000~41000)	36000(12000~40000)	
Power Input (W)	3000(780~4000)	3000(800~4440)	
Current (A)	13.3(3.5~17.7)	13.4(3.7~19.7)	
SEER2 (Btu/W)	21.0	19.4	
EER2 (Btu/W)	12.0	12.0	
Heating Efficiencies & Capacity Data:	NON DUCTED	DUCTED	
Capacity (Btu/h)	36000(12000~48000)	36000(12000~46000)	
Power Input (W)	2915(830~3950)	3070(850~4330)	
Current (A)	12.8(3.6~17.8)	13.6(3.7~19.1)	
HSPF2-4 (Btu/W)	10.9	10.0	
HSPF2-5 (Btu/W)	8.5	7.9	
COP	3.62	3.44	
Heat at 17F (H32) (Btu/h)	27400	30000	
Heat at 5F (H42) (Btu/h)	36000	36000	
COP at 5F (H42)	1.95	1.9	
Temperature Ratings:			
Outdoor (cooling) (Deg. °F)			(-30)~122
Outdoor (heating) (Deg. °F)			-22~75

REFRIGERANT PIPE DATA	
Refrigerant type	R410A
Refrigerant charge (oz)	148.0
Design pressure (PSIG)	550/340
Liquid side (inch)	4x1/4"
Gas side (inch)	2x3/8"+2x1/2"
Max. length for all rooms (ft)	262.46
Max length for 1 indoor unit (ft)	114.83
Max. height difference between indoor and outdoor unit (ft)	49.21
Max height difference between indoor units (ft)	33.0
Refrigerant Precharge (ft)	100
Refrigerant oil / oil charge (ml)	1460±15mlESTER OIL VG74

ADDITIONAL REFRIGERANT CHARGE		
Additional Charge for both Linesets (ft)	6, 9, 12 & 18 K BTU Indoor Evaporator	24 & 36 K BTU Indoor Evaporator
	0.16 oz	0.32 oz

OUTDOOR UNIT DATA	
Compressor:	
Type	Rotary
Capacity (Btu/h)	44015
Input (W)	3565
Rated current (RLA) (A)	21.5
Outdoor Fan Motor:	
Qty	1
Input (W)	/
Output (W)	250.00
RLA (A)	1.5
Speed (RPM)	750/700/650
Airflow & Sound Data:	
Outdoor air flow (Max.) (CFM)	3035.29
Outdoor noise level (DBA)	65

DIMENSIONS:		
Dimension (WxDxH) (inch)		38.58x16.34x38.39
Packing(WxDxH) (inch)		45.08x19.69x42.52
Net/Gross weight (lbs.)		213.85/246.92

Outdoor Unit Dimension

