



Mitsutomo Submittal Data Sheet

28K Multi Zone Heat Pump

Job Name: _____

Engineer: _____

Submitted By: _____





Date: _____

Unit Tag: _____

System Info & Features:

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



MODEL NUMBER	
Outdoor Unit:	HO-MT28-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)	25.0	
Max fuse (outdoor)	(A)	40.0	
Connection wiring	14AWG*4 Stranded, unshielded		
Cooling Efficiencies & Capacity Data:			
	NON DUCTED	DUCTED	
Capacity (Btu/h)	28000(8700~34000)	28000(7600~33400)	
Power Input (W)	2355(350~3500)	2392(337~3614)	
Current (A)	10.7(3.4~16.0)	10.9(5.46~16.05)	
SEER2 (Btu/W)	22.6	20.0	
EER2 (Btu/W)	11.8	11.7	
Heating Efficiencies & Capacity Data:			
	NON DUCTED	DUCTED	
Capacity (Btu/h)	28000(8200~34000)	28000(4500~38500)	
Power Input (W)	2392(370~3500)	2331(340~4120)	
Current (A)	10.7(3.4~16.0)	11.0(2.75~18.18)	
HSPF2-4 (Btu/W)	9.8	9.5	
HSPF2-5 (Btu/W)	7.6	7.5	
COP W/W	3.43	3.52	
Heat at 17F (H32) (Btu/h)	25600	27000	
Heat at 5F (H42) (Btu/h)	25000	25000	
COP at 5F (H42) W/W	1.80	1.80	
Temperature Ratings:			
Outdoor (cooling) (Deg. °F)			5~-122
Outdoor (heating) (Deg. °F)			-22~-75

REFRIGERANT PIPE DATA	
Refrigerant type	R410A
Refrigerant charge (oz)	134.0
Design pressure (PSIG)	550/340
Liquid side (inch)	3x1/4"
Gas side (inch)	2x3/8"+1x1/2"
Max. length for all rooms (ft)	196.9
Max length for 1 indoor unit (ft)	98.4
Max. height difference between indoor and outdoor unit (ft)	49.2
Max height difference between indoor units (ft)	33.0
Refrigerant Precharge (ft)	75.0
Refrigerant oil / oil charge (ml)	VG74/1000

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)	34154
Input (W)	2765
Rated current (RLA) (A)	17.5
Outdoor Fan Motor:	
Qty	1
Input (W)	150.00
Output (W)	120.00
RLA (A)	1.00
Speed (RPM)	1000/900/750
Airflow & Sound Data:	
Outdoor air flow (Max.) (CFM)	2147.06
Outdoor noise level (DBA)	63.00

DIMENSIONS:		
Dimension (WxDxH) (inch)		37.24x16.14x31.89
Packing(WxDxH) (inch)		42.91x19.69x34.84
Net/Gross weight (lbs.)		167.99/179.67

Outdoor Unit Dimension

