

Mitsutomo Submittal Data Sheet

R-454B 18K High Heat Multi Zone Heat Pump System

Job Name: _____

Engineer: _____

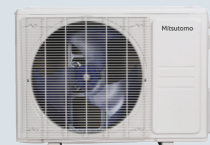
Submitted By: _____

Date: _____

Unit Tag: _____

System Info & Features:

- 3 Port
- Mix and match evaporators
- Auto condenser coil cleaning cycle



MODEL NUMBER	
Outdoor unit:	HO-MT18-LA-Q
Certified:	

SYSTEM PERFORMANCE AND DATA	
Cooling Efficiencies and Performance	
SEER2	20.0
EER2	13
Rated Capacity	19000
Min/Max Capacity	5400~27600
Moisture Removal (L/H)	0
Standard Operating Range (F°)	-22~122
Conditions:	Indoor: 80F° DB/67F° WB Outdoor: 95F° DB/75F° WB
Heating Efficiencies and Performance	
HSPF2-4	10.0
COP	4.0
1. @ 47F° Rated	20000
1. @ 47F° Min/Max Capacity	5700~25400
2. @ 17F° Rated	17000
3. @ 5F° Rated: Capacity / COP	18000/2
3. @ 5F° Max: Capacity	18000
Standard Operating Range (F°)	-22~75
1. Conditions:	Indoor: 70F° DB/60F° WB Outdoor: 47F° DB/43F° WB
2. Conditions:	Indoor: 70F° DB/60F° WB Outdoor: 17F° DB/15F° WB
3. Conditions:	Indoor: 70F° DB/60F° WB Outdoor: 5F° DB/5F° WB

SPECIFICATIONS	
Heating Efficiencies and Performance	
Compressor Type	ROTARY
Refrigerant	R454B
Refrigerant Oil Charge (OZ)	20.96
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	2131
Outdoor Noise Level (DBA)	61.5

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System Min. Circuit Amps	17.5
Connection Wiring	AWG 14/4
System Max Over Current Protection (A)	20
Compressor (RLA)	9.2
Outdoor Fan Motor (RLA)	1.2
Outdoor Fan Motor (W)	120
System Power Input @ Cooling (W)	1460(400 ~ 2350)
System Power Input @ Heating (W)	1465(350 ~ 2200)

REFRIGERANT PIPE DATA		
Liquid Size (in.)		3 x 1/4
Gas Size (in.)		3 x 3/8
Max. Piping Length for all rooms (ft)		196.8
Max. Piping Length for one IDU (ft)		98.4
Max. Height Difference of IDU and ODU (ft)		49.2
Refrigerant Pre-charged Amount (oz)		78.31
Refrigerant Pre-charged Length (ft)		24.6
Connection Method		Flared
Additional Refrigerant Charge		
Additional Charge for Both Linesets (ft)	6, 9, 12 & 18 K BTU Indoor Evaporator	24, 30 & 36 K BTU Indoor Evaporator
	0.16 oz	0.32 oz

DIMENSIONS		
Dimension (W×D×H)		37.24 x 16.14 x 31.89
Package (W×D×H)		42.91 x 19.68 x 34.84
Unit Weight (lbs)		137.35
Shipping Weight (lbs)		148.15

WARRANTY	
	5 years compressor 5 years parts

Outdoor Unit Dimension

