

Mitsutomo Submittal Data Sheet

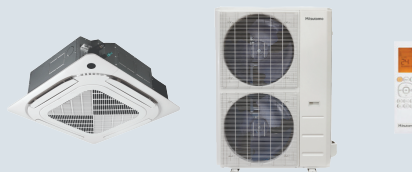
R-454B 48K High Heat 4-Way Cassette Heat Pump System

Job Name: _____
Engineer: _____
Submitted By: _____

Date: _____
Unit Tag: _____

System Info & Features:

- Handled Remote
 - 4 Way Multi Directional
 - Heating Down to -22 deg
 - Turbo Mode
 - Dry mode
- Self Diagnostics
 - Super Quiet
 - Built in Condensate Pump
 - 7 Day Programmable Wall Thermostat



MODEL NUMBER	
Indoor unit:	HC-UG48-LA-Q
Outdoor unit:	HO-SG48-LA-Q
Certified:	

OPTIONAL ACCESSORIES	
Wifi Adapter	17310900A02901
3rd Party Thermostat Interface Adapter	17222000A68532

SYSTEM PERFORMANCE AND DATA	
Cooling Efficiencies and Performance	
SEER2	18
EER2	10.0
Rated Capacity	48000
Min/Max Capacity	4900~52700
Moisture Removal (L/H)	6.13
Standard Operating Range (F°)	-22~-122
Conditions:	Indoor: 80F° DB/67F° WB Outdoor: 95F° DB/75F° WB
Heating Efficiencies and Performance	
HSPF2-4	11.0
COP	3.09
1. @ 47F° Rated	53000
1. @ 47F° Min/Max Capacity	19000~57400
2. @ 17F° Rated	44000
3. @ 5F° Rated: Capacity / COP	47500/1.96
3. @ 5F° Max: Capacity	47500
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	
Indoor:	
Indoor Air Flow (Turbo/H/M/L/Q)	(CFM) 1236.1 / 1124.2 / 1018.3 / 800.5 / 688.7
Indoor Noise Level (Turbo/H/M/L/Q)	(DBA) 52/52/49.5/41.5/38
Heating Efficiencies and Performance	
Compressor Type	TWIN-ROTARY
Refrigerant	R454B
Refrigerant Oil Charge (OZ)	49.37
Refrigerant Oil	VG75
Outdoor Air Flow (Max)	(CFM) 4237.9
Outdoor Noise Level	(DBA) 62.5

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System Min. Circuit Amps	44.00
Connection Wiring	Power: 14/3 Communication: 18/2 Stranded
System Max Over Current Protection (A)	45
Compressor (RLA)	27.0
Outdoor Fan Motor (RLA)	1.2
Outdoor Fan Motor (W)	85
Indoor Fan Motor (RLA)	1.0
Indoor Fan Motor (W)	125
System Power Input @ Cooling (W)	4800(710 ~ 5750)
System Power Input @ Heating (W)	5027(1135 ~5660)

DIMENSIONS		
Indoor:		
Dimension	(W×D×H)	32.68 x 32.68 x 11.30
Package	(W×D×H)	35.83 x 35.83 x 12.99
Unit Weight	(lbs)	64.59
Shipping Weight	(lbs)	76.06
Outdoor:		
Dimension	(W×D×H)	37.48 x 16.34 x 52.48
Package	(W×D×H)	43.11 x 19.49 x 57.48
Unit Weight	(lbs)	208.78
Shipping Weight	(lbs)	239.86

REFRIGERANT PIPE DATA		
Liquid Size	(in.)	3/8
Gas Size	(in.)	3/4
Max. Piping Length	(ft)	246.00
Max. Height Differencex	(ft)	98.40
Max. Pre-charged Length	(ft)	24.6
Refrigerant Pre-charged Amount	(oz)	126.99
Additional Charge of Refrigerant	(oz/ft)	0.32
Connection Method		Flared

WARRANTY	
	5 years compressor 5 years parts

