

Mitsutomo Submittal Data Sheet

R-454B 12k Non High Heat Floor Console

Job Name: _____

Engineer: _____

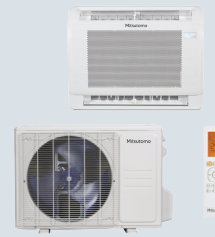
Submitted By: _____

Date: _____

Unit Tag: _____

System Info & Features:

- 2 Style Installation
- 3D Airflow
- Refrigerant leakage detection sensor
- Humidity sensor
- "88" display tube
- 1~100% fan speed setting
- WiFi capability (with WiFi dongle)



MODEL NUMBER	
Indoor unit:	HL-UZ12-LA-Q
Outdoor unit:	RU-SZ12-LA-Q
Certified:	   

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

SYSTEM PERFORMANCE AND DATA	
Cooling Efficiencies and Performance	
SEER2	24.6
EER2	12.7
Rated Capacity	12000
Min/Max Capacity	4000~13100
Moisture Removal (L/H)	1.28
Standard Operating Range (F°)	-13~122(-25~50)
Conditions:	Indoor: 80F° DB/67F° WB Outdoor: 95F° DB/75F° WB
Heating Efficiencies and Performance	
HSPF2-4	11.0
COP	3.90
1. @ 47F° Rated	12000
1. @ 47F° Min/Max Capacity	5100~12900
2. @ 17F° Rated	9000
3. @ 5F° Rated: Capacity / COP	8900/2.50
3. @ 5F° Max: Capacity	8900
Standard Operating Range (F°)	-13~75(-25~24)
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) 441.4 / 376.7 / 323.7 / 188.4 / 129.5
Indoor Noise Level (Turbo/H/M/L/Q)	(DBA) 42 / 39 / 34.5 / 29.5 / 23.5
Heating Efficiencies and Performance	
Compressor Type	ROTARY
Refrigerant	R454B
Refrigerant Oil Charge (OZ)	10.48
Refrigerant Oil	VC74
Outdoor Air Flow (Max)	(CFM) 1236.1
Outdoor Noise Level	(DBA) 54.5

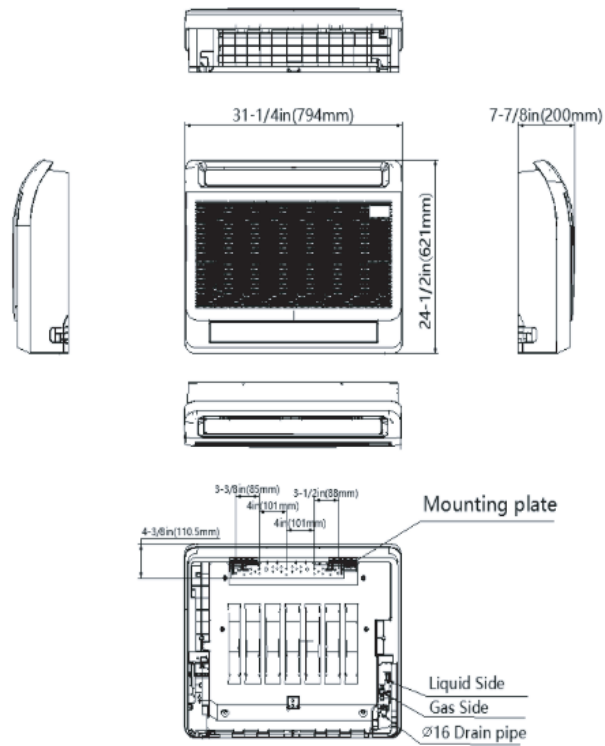
DIMENSIONS	
Indoor:	
Dimension (W×D×H)	31.26 x 7.87 x 24.45
Package (W×D×H)	34.06 x 11.02 x 28.31
Unit Weight (lbs)	32.85
Shipping Weight (lbs)	41.89
Outdoor:	
Dimension (W×D×H)	30.12 x 11.93 x 21.85
Package (W×D×H)	34.92 x 13.27 x 24.02
Unit Weight (lbs)	62.17
Shipping Weight (lbs)	67.68

ELECTRICAL	
Power Supply	208/230V, 60Hz, 1Ph
System Min. Circuit Amps	12.00
Connection Wiring	14/4
System Max Over Current Protection (A)	15
Compressor (RLA)	7.3
Outdoor Fan Motor (RLA)	0.6
Outdoor Fan Motor (W)	34
Indoor Fan Motor (RLA)	0.5
Indoor Fan Motor (W)	13
System Power Input @ Cooling (W)	960(200 ~ 1140)
System Power Input @ Heating (W)	897(265 ~ 1200)

REFRIGERANT PIPE DATA	
Liquid Size (in.)	1/4
Gas Size (in.)	3/8
Max. Piping Length (ft)	82.00
Max. Height Difference (ft)	49.20
Max. Pre-charged Length (ft)	24.6
Refrigerant Pre-charged Amount (oz)	32.45
Additional Charge of Refrigerant (oz/ft)	0.16
Connection Method	Flared

WARRANTY	
	5 years compressor 5 years parts

Outdoor Unit Dimension



Indoor Unit Dimension (Internal Pump)

