

Mitsutomo Submittal Data Sheet

R-454B 18k Non High Heat Floor Console

Job Name: _____

Engineer: _____

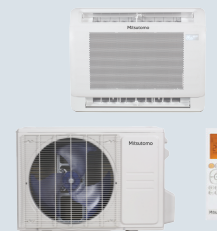
Submitted By: _____

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-UZ16-LA-Q
Outdoor unit:	RU-SZ18-LA-Q
Certified:	  

OPTIONAL ACCESSORIES

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

SPECIFICATIONS

Indoor:

Indoor Air Flow (Turbo/H/M/L/Q)	(CFM)	500.3 / 441.4 / 382.6 / 323.7 / 206.0
Indoor Noise Level (Turbo/H/M/L/Q)	(DBA)	41.5 / 41.5 / 39 / 28.5 / 24

Heating Efficiencies and Performance

Compressor Type		ROTARY
Refrigerant		R454B
Refrigerant Oil Charge	(OZ)	14.88
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	(CFM)	1765.8
Outdoor Noise Level	(DBA)	57.0

SYSTEM PERFORMANCE AND DATA

Cooling Efficiencies and Performance

SEER2	23.8
EER2	12.5
Rated Capacity	16000
Min/Max Capacity	4700~18000
Moisture Removal (L/H)	2.19
Standard Operating Range (F°)	-13~122(-25~50)

Conditions:	Indoor: 80F° DB/67F° WB Outdoor: 95F° DB/75F° WB
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Heating Efficiencies and Performance

HSPF2-4	13.5
COP	3.37
1. @ 47F° Rated	17000
1. @ 47F° Min/Max Capacity	7300~22900
2. @ 17F° Rated	14100
3. @ 5F° Rated: Capacity / COP	13100/2.16
3. @ 5F° Max: Capacity	13100
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

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)	35.04 x 13.46 x 26.50
Package (W×D×H)	39.17 x 15.67 x 29.13
Unit Weight (lbs)	92.59
Shipping Weight (lbs)	100.31

ELECTRICAL

Power Supply	208/230V,60Hz,1Ph
System Min. Circuit Amps	18.00
Connection Wiring	14/4
System Max Over Current Protection (A)	20
Compressor (RLA)	10.0
Outdoor Fan Motor (RLA)	0.9
Outdoor Fan Motor (W)	80
Indoor Fan Motor (RLA)	1.0
Indoor Fan Motor (W)	13
System Power Input @ Cooling (W)	1280(440 ~ 1600)
System Power Input @ Heating (W)	1478(385 ~1830)

REFRIGERANT PIPE DATA

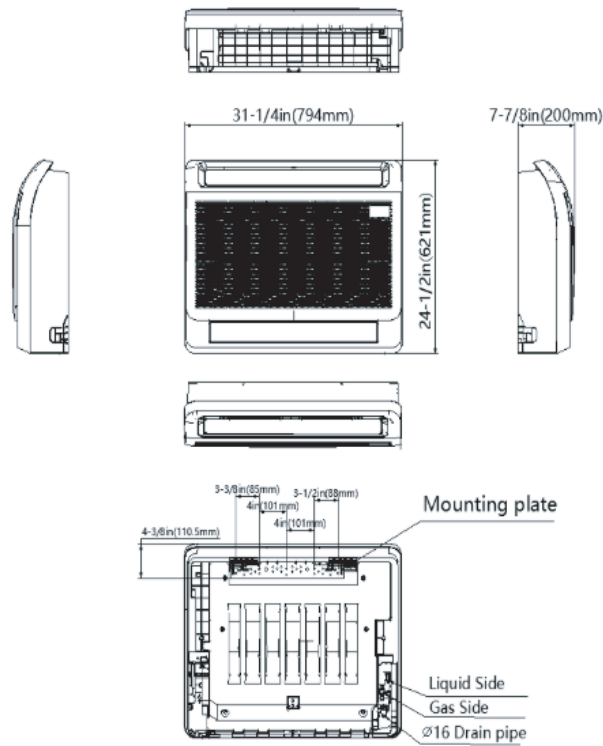
Liquid Size (in.)	1/4
Gas Size (in.)	1/2
Max. Piping Length (ft)	98.40
Max. Height Difference (ft)	65.60
Max. Pre-charged Length (ft)	24.6
Refrigerant Pre-charged Amount (oz)	47.97
Additional Charge of Refrigerant (oz/ft)	0.16
Connection Method	Flared

WARRANTY



5 years compressor
5 years parts

Outdoor Unit Dimension



Indoor Unit Dimension (Internal Pump)

