

## Mitsutomo Submittal Data Sheet

### R454B 12K Floor Console High Heat Series

Job Name: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Date: \_\_\_\_\_

Unit Tag: \_\_\_\_\_

#### System Info & Features:

- Compact Design
- Dual Air Outlets
- Refrigerant leakage detection sensor
- Humidity sensor
- 1~100% fan speed setting
- Heating down to -22°
- WiFi Compatible (with dongle)
- Large Handheld Remote
- 7 Day Wifi Programmable Wall Thermostat



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

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

SYSTEM PERFORMANCE AND DATA	
<b>Cooling Efficiencies and Performance</b>	
SEER2	25.0
EER2	12.5
Rated Capacity	12000
Min/Max Capacity	3700~14000
Moisture Removal (L/H)	1.48
Standard Operating Range (F°)	-22~122
Conditions:	Indoor: 80F° DB/67F° WB Outdoor: 95F° DB/75F° WB
<b>Heating Efficiencies and Performance</b>	
HSPF2-4	10.5
COP	3.88
1. @ 47F° Rated	12000
2. @ 47F° Min/Max Capacity	4400~16100
3. @ 17F° Rated	9800
4. @ 5F° Rated: Capacity / COP	11300/1.88
5. @ 5F° Max: Capacity	11300
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	
<b>Indoor:</b>	
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)	44/40.5/37/26.5/24
<b>Heating Efficiencies and Performance</b>	
Compressor Type	ROTARY
Refrigerant	R454B
Refrigerant Oil Charge (OZ)	11.83
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1471.5
Outdoor Noise Level (DBA)	55.5

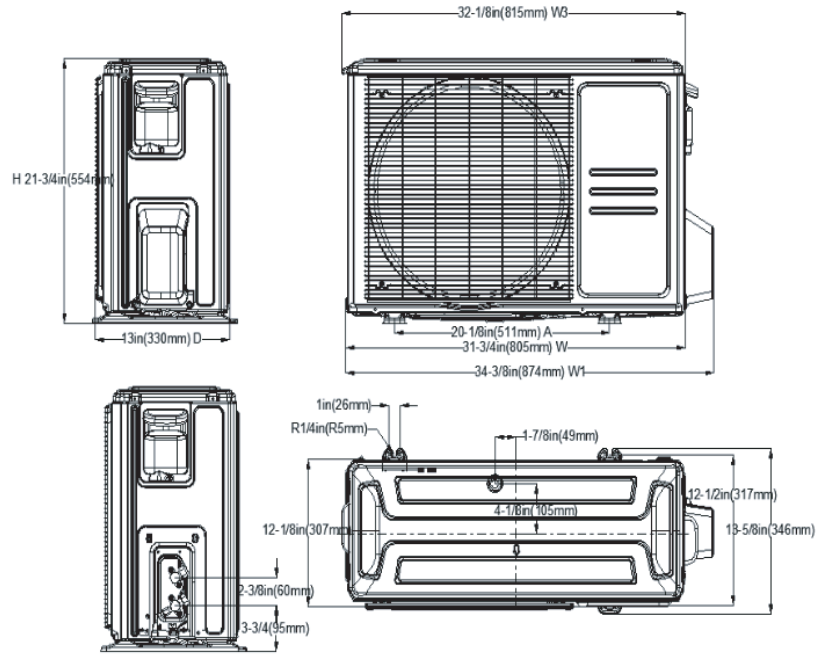
ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System Min. Circuit Amps	15.00
Connection Wiring	14/4
System Max Over Current Protection (A)	15
Compressor (RLA)	11.6
Outdoor Fan Motor (RLA)	0.5
Outdoor Fan Motor (W)	34
Indoor Fan Motor (RLA)	0.5
Indoor Fan Motor (W)	13
System Power Input @ Cooling (W)	945(190 ~ 1150)
System Power Input @ Heating (W)	906(260 ~1350)

DIMENSIONS	
<b>Indoor:</b>	
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
<b>Outdoor:</b>	
Dimension (W×D×H)	31.69 x 12.99 x 21.81
Package (W×D×H)	36.02 x 14.57 x 24.21
Unit Weight (lbs)	72.75
Shipping Weight (lbs)	78.70

REFRIGERANT PIPE DATA	
Liquid Size (in.)	1/4
Gas Size (in.)	3/8
Max. Piping Length (ft)	82.00
Max. Height Differencex (ft)	49.20
Max. Pre-charged Length (ft)	24.6
Refrigerant Pre-charged Amount (oz)	35.27
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)

