

Mitsutomo Submittal Data Sheet

R-454B 115V 12k Non High Heat Wall Mount Pump System

Job Name: _____

Engineer: _____

Submitted By: _____

Date: _____

Unit Tag: _____

System Info & Features:

- Large display handheld remote
 - 24 hr timer
 - Error code diagnosis
 - Functions settings (see manual)
- Economy mode
 - Turbo mode
 - Dry mode



MODEL NUMBER	
Indoor unit:	RW-SZ12-LA-J
Outdoor unit:	RO-SZ12-LA-J
Certified:	

OPTIONAL ACCESSORIES	
Wifi Adapter	17310900A02901
7 Day Programmable Wall Thermostat	17317100A37597
3rd Party Thermostat Interface Adapter	17222000A68532

SYSTEM PERFORMANCE AND DATA	
Cooling Efficiencies and Performance	
SEER2	21.3
EER2	10.0
Rated Capacity	12000
Min/Max Capacity	3800-12600
Moisture Removal (L/H)	1.3
Standard Operating Range (F°)	5-122
Conditions:	Indoor: 80F° DB/67F° WB Outdoor: 95F° DB/75F° WB
Heating Efficiencies and Performance	
HSPF2-4	8.7
COP	3.15
1. @ 47F° Rated	12000
1. @ 47F° Min/Max Capacity	2730-12500
2. @ 17F° Rated	7800
3. @ 5F° Rated: Capacity / COP	7000/1.85
3. @ 5F° Max: Capacity	7000
Standard Operating Range (F°)	5-75
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)	353.2 / 294.3 / 235.4 / 176.6 / 129.5
Indoor Noise Level (Turbo/H/M/L/Q) (DBA)	45.0 / 41.0 / 37.0 / 27.5 / 18.5
Heating Efficiencies and Performance	
Compressor Type	ROTARY
Refrigerant	R454B
Refrigerant Oil Charge (OZ)	10.14
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1235.3
Outdoor Noise Level (DBA)	52.5

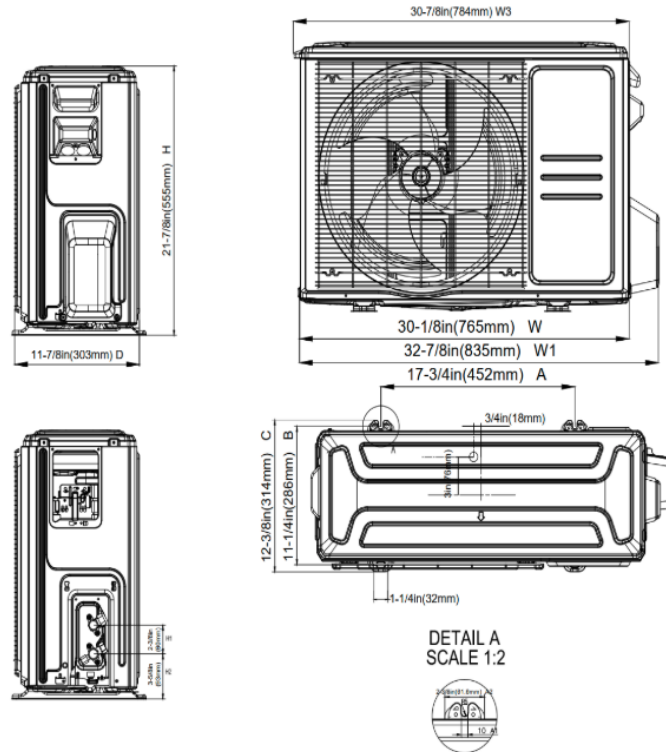
DIMENSIONS	
Indoor:	
Dimension (W×D×H)	31.57 x 7.87 x 11.61
Package (W×D×H)	34.45 x 11.22 x 14.96
Unit Weight (lbs)	19.40
Shipping Weight (lbs)	25.57
Outdoor:	
Dimension (W×D×H)	30.12 x 11.93 x 21.85
Package (W×D×H)	34.92 x 13.27 x 24.02
Unit Weight (lbs)	61.29
Shipping Weight (lbs)	67.02

ELECTRICAL	
Power Supply	115V,60Hz,1Ph
System Min. Circuit Amps	19.0
Connection Wiring	14/4
System Max Over Current Protection (A)	20
Compressor (RLA)	14.0
Outdoor Fan Motor (RLA)	0.6
Outdoor Fan Motor (W)	34
Indoor Fan Motor (RLA)	0.6
Indoor Fan Motor (W)	20
System Power Input @ Cooling (W)	1200(400 ~ 1280)
System Power Input @ Heating (W)	1116(320 ~1180)

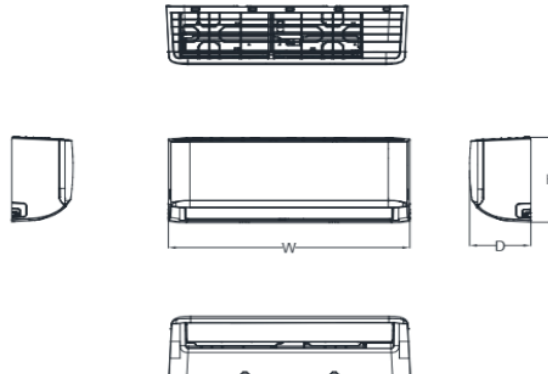
REFRIGERANT PIPE DATA	
Liquid Size (in.)	1/4
Gas Size (in.)	3/8
Max. Piping Length (ft)	82.0
Max. Height Difference (ft)	49.20
Max. Pre-charged Length (ft)	24.6
Refrigerant Pre-charged Amount (oz)	24.34
Additional Charge of Refrigerant (oz/ft)	0.16
Connection Method	Flared

WARRANTY	
	5 years compressor 5 years parts

Outdoor Unit Dimension



Indoor Unit Dimension (Internal Pump)



Capacity	W	D	H
12k	31.57	7.87	11.61