## Residential & Light Commercial Heat Pump System

Indoor Model: RAV-SM122KRTP-UL Outdoor Model: RAV-SP122AT2P-UL



### **Submittal Data**

Job Name <sub>.</sub>	 Location	
Tag		



#### **OUTDOOR UNIT STANDARD FEATURES**

- Digital inverter compressor technology
- · System can operate in cooling only mode with heating locked out
- Line lengths up to 164 ft
- · Low-ambient cooling down to 5°F
- · System diagnostics

OUTDOOR UNIT MODEL	RAV-SP122AT2P-UL			
SYSTEM PERFORMANCE				
Nominal Cooling Capacity† Btu/h		12,000		
SEER		25.2		
EER		15.6		
Nominal Heating Capacity† Bto		14,000		
HSPF		10.6		
COP	13.0			
REFRIGERANT LINES				
Total Piping Length	ft	164		
Vertical Lift	ft	98		
Suction Line Size	in	1/2		
Liquid Line Size	in	1/4		
AMBIENT OPERATING RANGE				
Cooling DB Min ~ Max	F	5~115		
Heating DB Min ~ Max	F	-13~59		
REFRIGERANT	R410A			
FACTORY CHARGE	lbs	3.8		

AIRFLOW					
Cooling	CFM	1590			
Heating	CFM	1590			
SOUND PRESSURE LEVEL					
Cooling	db(A)	48			
Heating	db(A)	52			
ELECTRICAL					
Power Supply	V/Ph/Hz	208-230/1/60			
Minimum Circuit Amps (MCA)	Α	14			
Recommended Fuse Size	Α	15			
Maximum Over Current Protection (MOCP)	А	25			
PHYSICAL DATA					
Unit Width	in	30-3/4			
Unit Height	in	21-3/4			
Unit Length	in	11-3/8			
Unit Weight - Net / Gross	Ibs	99 / 106			

Legend

**db** — Dry Bulb

SEER — Seasonal Energy Efficiency Ratio
HSFP — Heating Seasonal Performance Factor

wb — Wet Bulb

†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard. Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db

Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb

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Form No: RAV-SM122KRTP-UL-02
Replaces: RAV-SM122KRTP-UL-01

Printed in U.S.A.

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.



#### **RAV-SM122KRTP-UL HIGH WALL FEATURES**

- R-410A refrigerant
- Five sizes from 12,000 to 36,000 Btu/h
- Quiet operation (as low as 28 dBA)
- Auto or manually set three fan speeds
- · Easy to remove cleanable filter

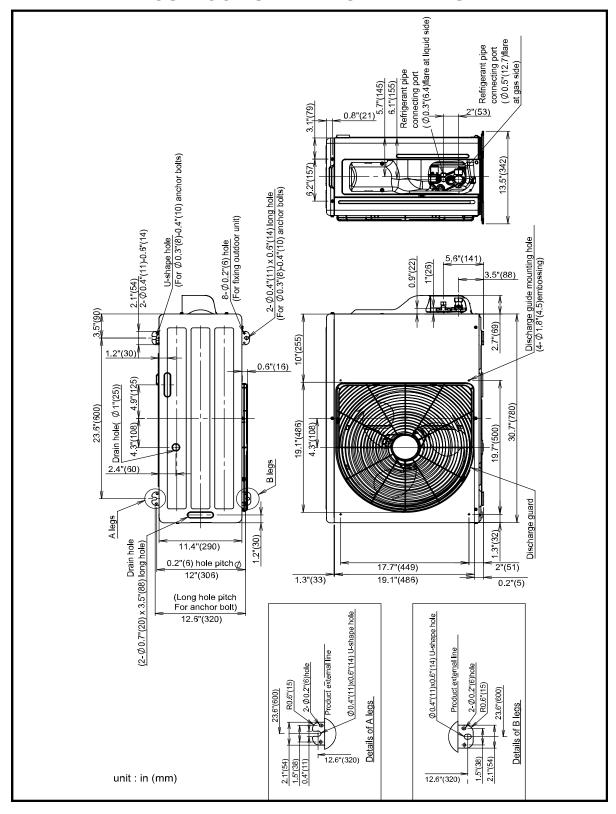
INDOOR UNIT MODEL	RAV-SM122KRTP-UL	
PERFORMANCE		
Cooling Rated Capacity Btu/h		12,000
Heating Rated Capacity E		14,000
Fan Type (Qty)	Turbo (1)	
Airflow (H/M/L) CFM		477/355/250
Sound Pressure (H/M/L)	dBA	37/33/28
ELECTRICAL		
Power Supply V/Ph/h		From ODU
FILTER	•	
Туре	Washable	
Quantity	2	
MERV Corresponding Value	5	
Dimensions (W x L x D)	in.	15-3/4 x 16-3/8 x 1/16

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PHYSICAL DATA					
Pipe Connection Size - Liquid		4/4 (51)			
(High Pressure)	in	1/4 (Flare)			
Pipe Connection Size - Gas		1/2 (Flore)			
(Low Pressure)	in	1/2 (Flare)			
Condensate Drain Connection		7-8			
External Finish	Munsell 2.5GY9.0/0.5				
Unit Width		41-3/8			
Unit Height		12-5/8			
Unit Depth		9-7/8			
Unit Net Weight	lb	33			
MOTOR					
Motor Type	DC				
Motor Watts		30			

#### **ACCESSORIES**

- ☐ Wired Remote Controller (7-Day Programmable) RBC-AMS54E-UL
- ☐ Simple Wired Remote Controller RBC-AS41UL
- ☐ Remote Sensor TCB-TC41LUL
- ☐ Wired Remote Controller RBC-AMT32UL
- ☐ Condensate Drain Pipe Kit 53DS-900---118

## DIMENSIONAL DRAWING OUTDOOR UNIT RAV-SP122AT2P-UL

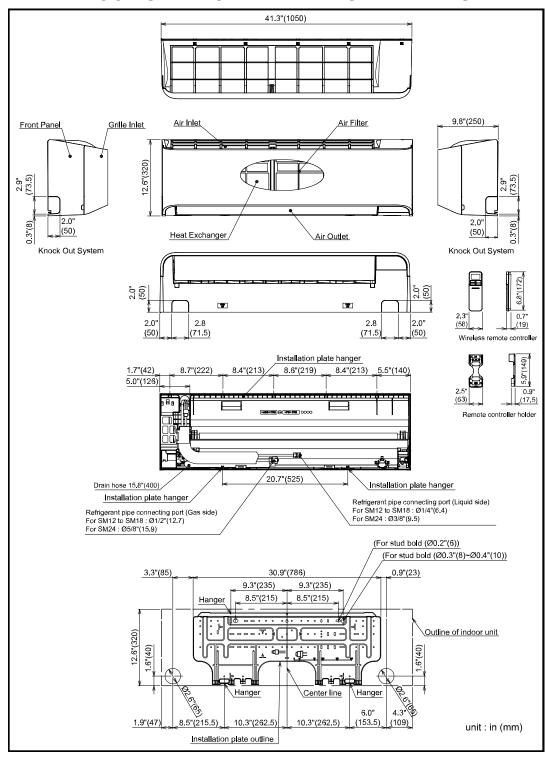


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# DIMENSIONAL DRAWING INDOOR UNIT HIGH WALL RAV-SP122KRTP-UL



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