

Ducted Style Heat Pump Ductless System

Indoor Model: RAV-SP421BT-UL
Outdoor Model: RAV-SP420AT2-UL



turn to the experts™

Submittal Data

Job Data: _____ Location: _____

Buyer: _____ Buyer P.O. #: _____ Carrier #: _____

Unit Number: _____ Model Number: _____

Performance Data Certified By: _____ Date: _____



DUCTED UNIT STANDARD FEATURES

- Digital inverter compressor technology
- Built-in Condensate pump (21.7 in of lift from bottom of unit)
- System can operate in cooling-only mode with heating locked out
- 3 indoor unit fan speeds
- Power saving mode
- Quiet operation
- Low-ambient cooling down to -13°F (with wind baffles installed)*
- System diagnostics
- Rear or bottom return
- Outside Air Intake

* For units starting with serial number 611****, starting with production from November 2016; else, 0°F with wind baffles installed.

CONTROL FEATURES

- Optional wireless remote control
- Optional wired remote control

(Unless otherwise indicated, data applies to both indoor and outdoor models)

SYSTEM SIZE	42
REFRIGERANT	R-410A
PERFORMANCE	
Rated Cooling Capacity (Btuh).....	42,000
Cooling Range (Btuh).....	23,700-45,400
SEER/EER.....	18.7/10.6
Rated Heating Capacity (Btuh)	47,500
Heating Range (Btuh)	32,300-49,000
HSPF.....	12.0
AIRFLOW (DRY)	
Indoor Airflow H / M / L (cfm).....	1,165/1,041/929
Max Static Pressure (in. WG).....	0.46
Sound Pressure - dBA	
Outdoor Sound Pressure (dBA).....	52/52
Indoor Sound Pressure at different speeds (dBA).....	40/37/34

ELECTRICAL	
System Voltage.....	208/230-1-60
Indoor Unit	Wired from Outdoor
Wires between Indoor and Outdoor.....	4
MCA.....	24
MOCP.....	40
CONTROLS	
Wireless Remote.....	Optional
Wired Control	Optional
REFRIGERANT LINES	
Total Piping Length (ft).....	245
Vertical Lift (ft).....	100
Suction Line Size (in).....	5/8
Liquid Line Size (in).....	3/8
AMBIENT OPERATING RANGE	
Cooling DB Min ~ Max (F).....	23~115 (-13 with wind baffle)
Heating DB Min ~ Max (F).....	-4~59
UNIT WEIGHT - Gross/Net	
Indoor unit (lbs).....	135/119
Outdoor unit (lbs)	226/211.5

Construction View: Outdoor Unit RAV-SP420AT2-UL

