

UP20 SERIES

Efficiencies up to 20 SEER/

14.5 EER/11 HSPF

Nominal Sizes 2, 3, 4 & 5 Ton

[7.03, 10.6, 14.06 & 17.6 kW]

Cooling Capacities 17.3 to 60.5 kBTU

[5.7 to 17.7 kW]



Ruud Ultra® Series Heat Pumps

Features:

- **PlusOne® Energy Efficiency** offers a minimum of 20 SEER and 11 HSPF system performance across all capacities. The UP20 achieves these performance measurements with RHMV variable speed air handlers, U802V two-stage, variable-speed 80% furnaces, U96V two-stage, variable-speed 96% furnaces and U97V modulating furnaces.
- **EcoNet® Enabled product.** The EcoNet Smart Home System provides advanced air & water control for maximum energy savings and ideal comfort.
- **Copeland Scroll™ Variable Speed compressor.** This inverter driven compressor provides three stages of heating and cooling operation for maximum comfort and energy savings. The overdrive feature in heating provides heating down to 7°F.
- Equipped with electronic expansion valve to precisely control variable refrigerant flow.
- New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- Improved tubing design – reduces vibration and stress, making unit quieter and reducing opportunity for leaks
- Optimized defrost characteristics - decrease defrosting and provide better home comfort
- Powder coat paint system – for a long lasting professional finish
- Optimized reversing valve sizing – improves shifting performance for quieter unit operation and increased life of the system
- Enhanced mufflers – help to dissipate vibration energy for quieter unit operation
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Curved louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- **PlusOne® Expanded Valve Space** – 3"-4"-5" service valve space – provides a minimum working area of 27-square inches for easier access
- Integrated heat pump lift receptacle – allows standard CPVC stands to be inserted into the base
- **PlusOne® Triple Service Access** – 15" wide, industry leading corner service access – makes repairs easier and faster. The two fastener removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly
- Diagnostic service window with two-fastener opening – provides access to the TXV valves and the heat pump reversing valve before opening the unit.
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- 35% fewer cabinet fasteners and fastener-free base – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra-long wires – allows unit top to be removed without disconnecting fan wire
- High and low pressure standard on all models.

GENERAL TERMS OF LIMITED WARRANTY*

Ruud will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

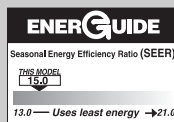
Conditional Unit Replacement

(Registration Required)Ten (10) Years
PartsTen (10) Years

*For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.

Model UP20	Nominal Cooling Capacity	Voltage	Phase	OPERATING			Service Valve - Liquid	Service Valve - Suction	Shipping Lbs. [kg]	Price
				Height "H" Inches [mm]	Length "L" Inches [mm]	Width "W" Inches [mm]				
24	24,000	208/230	1	35 [889]	35.75 [908]	35.75 [908]	3/8"	3/4"	231 [104.8]	
36	36,000	208/230	1	39 [991]	35.75 [908]	35.75 [908]	3/8"	3/4"	280 [127.0]	
48	48,000	208/230	1	51 [1295]	35.75 [908]	35.75 [908]	3/8"	7/8"	301 [136.6]	
60	60,000	208/230	1	51 [1295]	35.75 [908]	35.75 [908]	3/8"	7/8"	362 [164.2]	

[] Designates Metric Conversions





SALES FACT SHEET

ACCESSORIES

Description		Part No.	Price
EcoNet Control Center		UETST601SYS	
WiFi Kit for Heating and Cooling		REWRA630SYS	
Heat Pump Riser		686020	
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	
	Solenoid Coil	61-AMG24V	
	Bi-flow kit*	KS30387	
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	
	Solenoid Coil	61-AMG120/240V	
	Bi-flow kit*	KS30387	

Total Price \$