

RUUD SALES FACT SHEET

RHMV- SERIES Constant CFM Motor (ECM) Electronic Expansion Valve (EEV) Efficiencies up to 20.5 SEER



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 Parts
(Registration Required) Ten (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.



Ruud High Efficiency Modulating EcoNet® Enabled Air Handler

Features

- The RHMV Air Handler is part of a new line of Ruud smart heating, cooling and water heating products. Using the latest in sensor technology and a powerful EcoNet® monitoring system, Ruud provides homeowners with a new level of protection, control and energy savings. Ruud smart heating, cooling and water heating products will alert the homeowner if there is ever an issue via the EcoNet Smart Thermostat and the EcoNet Mobile app.* The EcoNet Mobile App makes it easy for homeowners to manage their home comfort environment at home or on-the-go,* while enjoying the convenience and savings benefits of a highly efficient system.
- The RHMV features an Electronic Expansion Valve (EEV)
- Features a constant CFM variable speed motor (ECM) which provides enhanced SEER performance. The RHMV is rated with UA17, UA20 air conditioners and UP17, UP20 heat pumps.
- Evaporator is constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications.
- Factory-installed indoor coil.
- Sturdy cabinet construction with 1.0 inch [25.4 mm] of foil faced insulation for excellent sound and insulating characteristics.
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect.
- 1-1/2 ton [5.3 kW] through 5 ton [17.6 kW] models are between 42-1/2 to 57 inches [1080 to 1448 mm] tall and 22 inches [559 mm] deep.
- All models meet or exceed 330 to 400 CFM [156 to 189 L/s] per ton at .3 inches [.7 kPa] of external static pressure.
- Enhanced airflow up to .7" external static pressure.
- Cabinet air leakage less than 2.0% at 1.0 inch H₂O when tested in accordance with ASHRAE Standard 193.

*WiFi broadband internet connection required. Download the EcoNet App from the App Store or Google Play to set up your EcoNet Smart Thermostat. Receipt of notification depend on home WiFi set up. WiFi broadband internet connection required.

Model Size RHMV	Unit Height H In. [mm]	Unit Width W In. [mm]	Supply Duct A In. [mm]	Unit Weight/Shipping Weight (Lbs.) [kg]	
				Unit With Coil (Max. KW)	
2417SE	42 1/2 [1080]	17 1/2 [444.5]	16 [406.4]	92/106 [42/48]	
2421ME	42 1/2 [1080]	21 [533.4]	19 1/2 [495.3]	111/126 [50/57]	
2421HE	55 1/2 [1410]	21 [533.4]	19 1/2 [495.3]	130/146 [59/66]	
2421UE	57 [1448]	21 [533.4]	19 1/2 [495.3]	641/153 [64/69]	
3617SE	42 1/2 [1080]	17 1/2 [444.5]	16 [406.4]	96/110 [44/50]	
6021SE	57 [1448]	21 [533.4]	19 1/2 [495.3]	141/153 [64/69]	
6024ME	55 1/2 [1410]	24 1/2 [622.3]	23 [584.0]	161/178 [73/81]	

Available Models at J Voltage
RHMV2417SEACJA
RHMV2421MEACJA
RHMV2421HEACJA
RHMV2421UEACJA
RHMV3617SEACJA
RHMV6021SEACJA
RHMV6024MEACJA

*Maximum dehumidification airflow.

[] Designates Metric Conversions





SALES FACT SHEET

RHMV- ACCESSORIES

Description	Part No.	Price
Combustible Floor Base	RXHB-17	
Combustible Floor Base	RXHB-21	
Combustible Floor Base	RXHB-24	
Jumper Bar Kit 3 Ckt to 1 Ckt	RXBJ-A31	
Jumper Bar Kit 2 Ckt to 1 Ckt	RXBJ-A21	
Auxiliary Horizontal Overflow Pan (2-3 Tons)	RXBM-AC48	
Auxiliary Horizontal Overflow Pan (4-5 Tons)	RXBM-AC61	
Supply and Return Air Sensor Kit	RXHT-A02	
Auxiliary Electric Heater Kits*	RXBH-_____	
Horizontal Adapter Kit	RXHH-A01	
Horizontal Adapter Kit	RXHH-A02	
Horizontal Adapter Kit	RXHH-A03	
Horizontal Adapter Kit	RXHH-A05	
Horizontal Adapter Kit	RXHH-A06	
External Filter Base (16 x 20)	RXHF-17	
External Filter Base (20 x 20)	RXHF-21	
External Filter Base (25 x 20)	RXHF-24	

*See the Electric Heat Electrical data from the RHMV specification sheet for specific Heater Kit model numbers.