



HVAC PRODUCT CATALOG

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AIR HANDLER

Ruud High Efficiency Air Handler



- Constant Torque Motor
- Efficiencies up to 16 SEER

Limited Warranty

- Conditional Parts Warranty - 10 Years (Registration Required)

RH1T FEATURES

RH1T/RH2T feature a Constant Torque motor which provides enhanced SEER performance with most Rheem outdoor units.

- 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.
- 11/2 ton [5.3 kW] through 5 ton [17.6 kW] models are between 42 1/2 to 55 1/2 inches [1080 to 1410 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.
- Evaporator is constructed of aluminum fins bonded to internally grooved aluminum tubing.

Model	Electric Heat Range [kW]	Nominal Size BTU/Hr	Low / High Air Flow CFM	Voltage Hertz Phase	Hgt (In)	Len (In.)	Width (In)	Wgt lbs	Min. Circuit Amp	Price
RH1T2417STANJA	17 KW	2	600-1200 CFM	208-230/60/1	42 1/2	21 11/16	17 1/2	92	15	
RH1T3617STANJA	17 KW	3	600-1200 CFM	208-230/60/1	42 1/2	21 11/16	17 1/2	99	15	
RH1T4821STANJA	21 KW	4	800-1600 CFM	208-230/60/1	50 1/2	21 11/16	21	128	15	
RH1T6021STANJA	3-24 KW		0	208-230/60/1	57	21 11/16	21	139	15	



AIR HANDLER

Ruud High Efficiency Air Handler



- ECM Motor
- Efficiencies up to 16 SEER

Limited Warranty

- Conditional Parts Warranty - 10 Years (Registration Required)

RH1V FEATURES

Includes an energy efficient ECM® Motor, which in most applications, enhances the SEER rating of the outdoor unit. It also slowly ramps its speed up for quiet operation and enhanced customer satisfaction.

- Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications.
- Nominal airflow up to 1.0" external static pressure.
- 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.
- Dip switch settings for selectable, customized cooling airflow over a wide variety of applications.
- On-demand dehumidification terminal that adjusts airflow to help control humidity for unsurpassed comfort in cooling mode.
- External filter required.
- Evaporator coil is constructed of aluminum fins bonded to internally grooved aluminum tubing.

Model	Electric Heat Range [kW]	Nominal Size BTU/Hr	Low / High Air Flow CFM	Voltage Hertz Phase	Hgt (In)	Len (In.)	Width (In)	Wgt lbs	Min. Circuit Amp	Price
RH1V2417STANJA	17 KW	2	600-1200 CFM	208-230/60/1	42 1/2	21 11/16	17 1/2	92	15	
RH1V3617STANJA	17 KW	3	600-1200 CFM	208-230/60/1	42 1/2	21 11/16	17 1/2	99	15	
RH1V4821STANJA	21 KW	4	800-1600 CFM	208-230/60/1	50 1/2	21 11/16	21	130	15	
RH1V6021STANJA	21 KW	5	800-1600 CFM	208-230/60/1	57	21 11/16	21	141	15	
RH1V6024STANJA	24 KW	5	1400-1800 CFM	208-230/60/1	55 1/2	21 11/16	24 1/2	162	15	



CONDENSING UNITS

RA14

FEATURES

Ruud Achiever® Series Air Conditioners



- Efficiencies up to 16 SEER/13 EER
- Nominal Sizes 1 1/2 to 5 Ton [5.28 to 17.6 kW]
- Cooling Capacities 17.3 to 60.5 kBTU [5.7 to 17.7 kW]

Limited Warranty

- Conditional Parts - 10 Years (Registration Required)

New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed

- Powder coat paint system – for a long lasting professional finish
- Scroll® compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- 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
- *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 high and low pressure.
- 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.

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
RA1418AJ1NA	18000	208-230/60/1	27.9	33.25	33	143	3/8	3/4	
RA1424AJ1NA	24000	208-230/60/1	27.9	33.25	33	148	3/8	3/4	
RA1430AJ1NA	30000	208-230/60/1	30.35	33.25	33	158	3/8	3/4	
RA1436AJ1NA	36000	208-230/60/1	30.08	37.64	37.56	178	3/8	3/4	
RA1442AJ1NA	42000	208-230/60/1	29.68	39.37	39.64	214	3/8	7/8	
RA1448AJ1NA	48000	208-230/60/1	35.15	39.37	39.64	232	3/8	7/8	
RA1460AJ1NA	60000	208-230/60/1	38.37	39.37	39.64	247	3/8	7/8	



CONDENSING UNITS

Variable Speed (UA20)

Ruud Ultra™ Series Variable Speed Air Conditioners



- Efficiencies up to 20 SEER/13 EER
- 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]

Limited Warranty

- Conditional Unit Replacement (Registration Required) - Ten (10) Years
- Parts - Ten (10) Years

FEATURES

PlusOne™ Energy Efficiency offers minimum of 20 SEER and 13 EER system performance across all capacities.

- *PlusOne™* Expanded Valve Space – 3"-4"-5" service valve space – provides a minimum working area of 27-square inches for easier access
- *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
- EcoNet™ Enabled product. The EcoNet Smart Home System provides advanced air & water control for maximum energy savings and ideal comfort.
- New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system – for a long lasting professional finish
- The Copeland Scroll® Variable Speed Compressor has a modulating technology which provides more precise temperature control, lower humidity and greater efficiency. The overdrive feature provides cooling load up to 107°F.
- 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
- Diagnostic service window with two-fastener opening – provides access to the high and low pressure.
- External gauge port access – allows easy connection of "low-loss" gauge ports
- Single-row condenser coil (up thru 4 tons) – 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.

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
UA2024AJVCB	24000	208-230/60/1	41.56	37.64	37.56	226	3/8	3/4	
UA2036AJVCB	36000	208-230/60/1	41.56	37.64	37.56	244	3/8	3/4	
UA2048AJVCB	48000	208-230/60/1	53.56	39.37	39.64	263	3/8	7/8	
UA2060AJVCB	60000	208-230/60/1	53.56	39.37	39.64	316	3/8	7/8	



CONDENSING UNITS

RA16

FEATURES

Ruud Achiever® Series Air Conditioners



- Efficiencies up to 16 SEER/13 EER
- Nominal Sizes 1 1/2 to 5 Ton [5.28 to 17.6 kW]
- Cooling Capacities 17.3 to 60.5 kBTU [5.7 to 17.7 kW]

Limited Warranty

- Conditional Parts (Registration Required) - Ten (10) Years

New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed

- Powder coat paint system – for a long lasting professional finish
- Scroll® compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- 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
- *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 high and low pressure.
- 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.

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
RA1618AJ1NA	18000	208-230/60/1	30.35	33.25	33	155	3/8	3/4	
RA1624AJ1NA	24000	208-230/60/1	30.08	37.64	37.56	170	3/8	3/4	
RA1630AJ1NA	30000	208-230/60/1	29.68	39.37	39.64	195	3/8	3/4	
RA1636AJ1NA	36000	208-230/60/1	35.15	39.37	39.64	204	3/8	3/4	
RA1642AJ1NA	42000	208-230/60/1	42	39.37	39.64	253	3/8	7/8	
RA1648AJ1NA	48000	208-230/60/1	48.18	39.37	39.64	268	3/8	7/8	
RA1660AJ1NA	60000	208-230/60/1	53.56	39.37	39.64	296	3/8	7/8	



CONDENSING UNITS

UA17 (EcoNet™ Enabled)

Ruud Achiever Plus™ Series Two-Stage Air Conditioners



- Efficiencies up to 17 SEER/13 EER
- 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]

Limited Warranty

- Conditional Parts - 10 Years (Registration Required)

FEATURES

EcoNet™ Enabled product. The EcoNet Smart Home System provides advanced air & water control for maximum energy savings and ideal comfort.

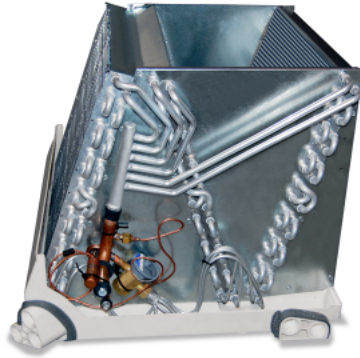
- New composite base pan – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system – for a long lasting professional finish
- The Two Stage Copeland Scroll® UltraTech™ Compressor modulates between two capacity settings – 67% and 100% – providing more precise temperature control, lower humidity and greater efficiency in comparison to single stage compressors. It uses 70% fewer moving parts which also increases efficiency and reliability.
- 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
- *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 high and low pressure.
- 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.

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
UA1724AJ2CB	24000	208-230/60/1	38.35	37.64	37.56	200	3/8	3/4	
UA1736AJ2CB	36000	208-230/60/1	41.56	37.64	37.56	209	3/8	3/4	
UA1748AJ2CB	48000	208-230/60/1	53.56	39.37	39.64	297	3/8	3/4	
UA1760AJ2CB	60000	208-230/60/1	53.56	39.37	39.64	298	3/8	3/4	



COOLING COIL

Cased/Uncased Coils For Gas And Oil Furnaces



- RCF- Series featuring Industry Standard R-410A Refrigerant
- Airflow Capacity 600-1,900 CFM [283-897 L/s]

Limited Warranty

- Limited Parts Warranty - 5 Years

RCF FEATURES

Ruud® Indoor Furnace cased coils and replacement uncased coils are designed for use with Ruud outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Ruud outdoor units, the coils provide a nominal capacity range from 8,000 BTU/HR [5.24 kW] to 60,000 BTU/HR [17.6 kW].

- Constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Coils are tested at the factory with an extensive refrigerant leak check.
- Coils have copper sweat refrigerant connections.
- Feature two sets of 3/4" [14.1 mm] N.P.T. Condensate drain connections for ease of connection.
- Chatleff metering device connections, at inlet and outlet of TXV and equalizer connections.
- Approved for system application with variety of Ruud outdoor units.
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material.
- Compatible with Germicidal Light System (UV resistant)
- Bi-Directional airflow eliminates the need to switch any internal components from horizontal left to right.
- Unique drain pan design maximizes application flexibility and condensate removal.
- N-Coil design maximizes performance and minimizes height required at installation.
- Coils are AHRI certified for system application with a variety of Ruud outdoor units.

Model	Cased Height Inches	Cased Length Inches	Cased Width Inches	Plenum Opening Width/Length	Face Area Sq. Ft.	Sweat Connection Liquid I.D.	Sweat Connection Suction I.D.	Weight lbs	Price
RCF2414STAMCA	23 - 3/16	21 - 11/16	14	14 x 19 7/8	4	3/8	3/4	48	
RCF2417STAMCA	20	21 - 11/16	17 - 1/2	17 1/2 x 19 7/8	4	3/8	3/4	49	
RCF3617STAMCA	20	21 - 11/16	17 - 1/2	17 1/2 x 19 7/8	5	3/8	3/4	55	
RCF3621STAMCA	20	21 - 11/16	21	21 x 19 7/8	5	3/8	3/4	58	
RCF4821STAMCA	28	21 - 11/16	21	21 x 19 7/8	8	3/8	7/8	76	
RCF4824STAMCA	32	21 - 11/16	24 - 1/2	24 1/2 x 19 7/8	8	3/8	7/8	93	
RCF6021STAMCA	96	21 - 11/16	21	21 x 19 7/8	7.6	3/8	7/8	76	



GAS FURNACES

U97V (EcoNet Enabled)

Ruud Ultra Series™ EcoNet Enabled Modulating Upflow Gas Furnaces



- 97% A.F.U.E.
- Input Rates from 60 to 115 kBTU

Limited Warranty

- Parts - Ten (10) Years
- Heat Exchanger - Limited Lifetime
- Conditional Unit Replacement (Registration Required) - Limited Lifetime

FEATURES

97% residential gas furnace CSA certified

- Upflow
- Modulating operation to save energy and maintain optimal comfort level.
- Variable speed blower motor technology provides ultimate humidity control, quieter sound levels, and year round energy savings.
- EcoNet™ enabled HVAC Product
- PlusOne™ Diagnostics 7-Segment LED all units
- PlusOne™ Ignition System – DSI for reliability and longevity
- PlusOne™ Water Management System with patented Blocked Drain Sensor
- Heat exchanger is removable for improved serviceability. Aluminized steel primary and stainless steel secondary construction provide maximum corrosion resistance and thermal fatigue reliability.
- Low profile “34 inch” cabinet ideal for space constrained installations.
- Blower Shelf design – serviceable in all furnace orientations
- Pre marked hoses – insures proper system drainage
- Vent with 2” or 3” PVC
- Replaceable collector box
- Hemmed edges on cabinet and doors
- Quarter turn door fasteners for tool less access
- Integrated control boards feature dip switches for easy system set up
- Self priming condensate trap
- Solid bottom included
- For optimal performance an EcoNet Control Center is recommended; must be paired with an EcoNet enabled heat pump or air conditioner, for a fully communicating HVAC system.
- ModulatingFunction: when used with an EcoNet Control Center modulating thermostat, modulation rate between 40% and 100% of total capacity.
- Two-stageFunction: when used with a two-stage thermostat, furnace operates at 40% on first stage, and stages up to 65%, then 100% for second stage.
- MultistageFunction: when used with a single-stage thermostat, furnace functions as a three stage furnace operating at 40%, 65% and 100% of total capacity.

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
U97VA060M317USA	56000	55000	1200	34	28 13/16	17 1/2	118	97	ECM	
U97VA070M317USA	70000	69000	1200	34	28 13/16	17 1/2	122	97	ECM	
U97VA085M521USA	84000	83000	1750	34	28 13/16	21	136	97	ECM	
U97VA100M521USA	98000	97000	1925	34	28 13/16	21	141	97	ECM	
U97VA115M524USA	112000	110000	1900	34	28 13/16	24 1/2	152	97	ECM	



GAS FURNACES

R802P (Upflow/Horizontal)

Ruud Achiever Plus™ Series Upflow/Horizontal Gas Furnace



•80% A.F.U.E.

Limited Warranty

- Conditional Parts Warranty - 10 Years (Registration Required)
- Heat Exchanger - Limited Lifetime

FEATURES

80% residential Gas Furnace CSA certified

- Two stages of operation to save energy and maintain optimal comfort level.
- 3 way multi poise design UF / HZ
- PlusOne™* Diagnostics — 7 Segment LED all units
- PlusOne™* Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Solid doors provide quiet operation
- Solid bottom
- Insulated blower compartment
- Low profile 34" cabinet ideal for space constrained installations
- Blower shelf design – serviceable in all furnace orientations
- Hemmed edges on cabinets and doors
- 1/4 turn door knobs for tool less access
- Integrated Control board features dip switches for easy system set up
- QR code for quick access to product information from your smart phone or tablet

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R802PA050314MXA	50000	41000	0	34	28 13/16	14	103	80	PSC	
R802PA075317MXA	75000	61000	0	34	28 13/16	17 1/2	116	80	PSC	
R802PA075417MXA	75000	61000	0	34	28 13/16	17 1/2	116	80	PSC	
R802PA100417MXA	100000	81000	0	34	28 13/16	17 1/2	121	80	PSC	
R802PA100521MXA	100000	81000	0	34	28 13/16	17 1/2	129	80	PSC	
R802PA125524MXA	125000	101000	0	34	28 13/16	21	137	80	PSC	



GAS FURNACES

R801P (Upflow/Horizontal)

Ruud Achiever® Series Gas Furnace



- 80% A.F.U.E.
- Input rates 50-150 kBTU

Limited Warranty

- Conditional Parts - Ten (10) Years
- Heat Exchanger - Twenty (20) Years

FEATURES

80% residential Gas Furnace CSA certified

- *PlusOne™* Diagnostics — 7 Segment LED all units
- *PlusOne™* Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Low profile 34" cabinet ideal for space constrained installations
- Integrated Controls board features dip switches for easy system set up
- QR codes for quick access to product information from your smart phone or tablet

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R801PA050314MXA	50000	41000	1300	34	28 13/16	14	103	80	PSC	
R801PA075317MXA	75000	61000	1900	34	28 13/16	17 1/2	116	80	PSC	
R801PA075417MXA	75000	61000	0	34	28 13/16	17 1/2	116	80	PSC	
R801PA100417MXA	100000	82000	1700	34	28 13/16	17 1/2	121	80	PSC	
R801PA100521MXA	100000	81000	1975	34	28 13/16	17 1/2	129	80	PSC	
R801PA125524MXA	125000	101000	1950	34	28 13/16	21	139	80	PSC	



GAS FURNACES

U802V (Upflow/Horizontal)

Ruud Ultra™ Series Communicating Two-Stage Variable Speed Downflow Gas Furnace



Limited Warranty

FEATURES

80% residential Gas Furnace CSA certified

- Two stages of operation to save energy and maintain optimal comfort level
- Variable speed blower motor technology provides ultimate humidity control, quieter sound levels, and year round energy savings
- EcoNet enabled HVAC product
- 3 way multi poise design UF / HZ
- *PlusOne™* Diagnostics - 7 segment LED all units
- Plus One Ignition System - DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Integrated Control board features dip switches for easy system set up
- Insulated blower compartment
- QR code for quick access to product information from your smart phone or tablet
- Compatible with single or two stage thermostats. For optimal performance a two stage thermostat is recommended.
- Solid doors provide quiet operation
- Low profile 34" cabinet ideal for space constrained installations
- Solid bottom
- Blower shelf design – serviceable in all furnace orientations
- Hemmed edges on cabinets and doors
- 1/4 turn door knobs for tool less access

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
U802VA050317MXA	50000	41000	1300	34	28 13/16	17 1/2	116	80	ECM	
U802VA075317MXA	75000	61000	1275	34	28 13/16	17 1/2	116	80	ECM	
U802VA075421MXA	75000	61000	1925	34	28 13/16	21	129	80	ECM	
U802VA100521MXA	100000	81000	2000	34	28 13/16	21	129	80	ECM	
U802VA125524MXA	125000	101000	2000	34	28 13/16	24 1/2	137	80	ECM	



GAS FURNACES

R801S (Upflow/Horizontal)

Ruud Achiever® Series Upflow/Horizontal Gas Furnace



- 80% A.F.U.E.
- Input Rates 50 -150 kBTU

Limited Warranty

- Conditional Parts (Registration required) - Ten (10) Years
- Heat Exchanger - Twenty (20) Years

FEATURES

80% residential Gas Furnace CSA certified

- 3 way multi poise design UF / HZ
- *PlusOne™* Diagnostics — 7 Segment LED all units
- *PlusOne™* Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Solid doors provide quiet operation
- Solid doors provide quiet operation
- Low profile 34" cabinet ideal for space constrained installations
- Blower shelf design – serviceable in all furnace orientations
- Hemmed edges on cabinets and doors
- 1/4 turn door knobs for tool less access
- Integrated Controls board features dip switches for easy system set up
- QR code for quick access to product information from your smart phone or tablet

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R801SA050314MXA	50000	41000	1300	34	28 13/16	14	105	80	PSC	
R801SA075317MXA	75000	61000	1900	34	28 13/16	17 1/2	116	80	PSC	
R801SA075417MXA	75000	61000	0	34	28 13/16	17 1/2	116	80	PSC	
R801SA100417MXA	100000	82000	1700	34	28 13/16	17 1/2	116	80	PSC	
R801SA100521MXA	100000	81000	1975	34	28 13/16	17 1/2	129	80	PSC	
R801SA125524MXA	125000	101000	1950	34	28 13/16	21	139	80	PSC	



GAS FURNACES

Ruud Achiever Plus Series Two Stage Multi position Gas Furnaces



- 96% A.F.U.E.
- Input Rates from 60 to 100 kBTU

Limited Warranty

- Conditional Parts (Registration Required) - Ten (10) Years
- Heat Exchanger - Limited Lifetime

R96P (UFPA) FEATURES

Up to 96% residential gas furnace CSA certified

- 4 way multi-poise design
- Two stages of operation to save energy and maintain optimal comfort level
- *PlusOne™* Diagnostics 7-segment LED on all units
- *PlusOne™* Ignition System - DSI for reliability and longevity
- *PlusOne™* Water Management System with patented Blocked Drain Sensor
- Heat exchanger is removable for improved serviceability. Aluminized steel primary and stainless steel secondary construction provide maximum corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" cabinet ideal for space constrained installations
- Blower Shelf design - serviceable in all furnace orientations
- Pre marked hoses - insures proper system drainage
- Vent with 2" or 3" PVC
- Replaceable Collector box
- Hemmed edges on cabinet and doors
- Quarter turn fasteners for tool less access
- Integrated control boards feature dip switches for easy system set up
- Self priming condensate trap
- Solid bottom included

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R96PA0402317MSA	42000	41000	1050	34	28 13/16	17 1/2	113	96	PSC	
R96PA0602317MSA	56000	55000	1150	34	28 13/16	17 1/2	118	96	PSC	
R96PA0702317MSA	70000	68000	1550	34	28 13/16	17 1/2	122	96	PSC	
R96PA0852521MSA	84000	81000	1750	34	28 13/16	21	136	95	PSC	
R96PA1002521MSA	98000	94000	1750	34	28 13/16	21	141	95	PSC	
R96PA1152524MSA	112000	109000	0	34	28 13/16	24 1/2	152	96	PSC	



GAS FURNACES

Ruud Achiever® Series Multi position Gas Furnace



- 95% AFUE
- Input rates from 40 to 115 kBTU

Limited Warranty

- Conditional Parts - 10 years
- Heat Exchanger - Limited Lifetime

R95P (RFNA) FEATURES

95 % residential gas furnace CSA certified

- 4 way multi-poise design
- A *PlusOne™* diagnostics 7-Segment LED on all units
- A *PlusOne™* Ignition System - DSI for reliability and longevity
- A *PlusOne™* Water Management System with patent pending Blocked Drain Sensor
- Heat exchanger is removable for improved serviceability. Primary is constructed of aluminized steel and secondary is constructed of stainless steel for maximum corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" cabinet is ideal for space constrained installations.
- Blower Shelf design - serviceable in all furnace orientations
- Pre-marked hoses - insures proper system drainage
- Vent with 2" or 3" PVC
- Replaceable Collector box
- Hemmed edges on cabinet and doors
- Quarter turn fasteners for tool less access
- Integrated control boards feature dip switches for easy system set up
- Self priming condensate trap
- Solid bottom included

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R95PA0401317MSA	42000	41000	1050	34	28 13/16	17 1/2	113	95	PSC	
R95PA0601317MSA	56000	54000	1150	34	28 13/16	17 1/2	118	95	PSC	
R95PA0701317MSA	70000	68000	1550	34	28 13/16	17 1/2	122	95	PSC	
R95PA0851521MSA	84000	82000	1750	34	28 13/16	21	136	95	PSC	
R95PA1001521MSA	98000	95000	1750	34	28 13/16	21	141	95	PSC	
R95PA1151524MSA	112000	108000	1750	34	28 13/16	24 1/2	152	95	PSC	



GAS FURNACES

Ruud Achiever Plus Multi position Gas Furnace



- 95% AFUE
- Input Rates from 40 to 115 kBTU

Limited Warranty

- Conditional Parts (Registration Required) - Ten (10) Years
- Heat Exchanger - Limited Lifetime

R95T (RFSA) FEATURES

95% residential gas furnaces CSA certified

- 4 way multi-poise design
- *PlusOne™* Diagnostice 7-Segment LED on all units
- *PlusOne™* Ignition system - DSI for reliability and longevity
- *PlusOne™* Water Management System with patent pending Blocked Drain Sensor
- Heat exchanger is removable for improved serviceability. Aluminized steel primary, and stainless steel secondary construction provide maximum corrosion resistance and thermal fatigue reliability.
- Low profile "34 inch" cabinet ideal for space constrained installations.
- Blower Shelf design - serviceable in all furnace orientations
- Pre Marked hoses - insures proper system drainage .
- Vent with 2" or 3" PVC.
- Replaceable Collector Box
- Hemmed edges on cabinet and doors.
- Constant Torque electrically commutated motor.
- Quarter turn fasteners for tool less access
- Integrated control boards feature dip switches for easy system set up
- Self priming condensate trap.
- Solid Bottom included.

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R95TC0401317MSA	42000	41000	1200	34	28 13/16	17 1/2	113	95	X13	
R95TC0601317MSA	56000	54000	1250	34	28 13/16	17 1/2	118	95	X13	
R95TC0701317MSA	70000	68000	1250	34	28 13/16	17 1/2	122	95	X13	
R95TC0851521MSA	84000	82000	1850	34	28 13/16	21	136	95	X13	
R95TC1001521MSA	98000	95000	1925	34	28 13/16	21	141	95	X13	



GAS FURNACES

R801T (Upflow/Horizontal)

Ruud Achiever Plus™ Series Upflow/Horizontal Gas Furnace



- 80% A.F.U.E.
- Input Rates 50-125 kBTU

Limited Warranty

- Conditional Parts Warranty - 10 Years (Registration Required)
- Heat Exchanger - 20 years

FEATURES

80% residential Gas Furnace CSA certified

- 3 way multi poise design UF / HZ
- *PlusOne™* Diagnostics — 7 Segment LED all units
- *PlusOne™* Ignition System – DSI for reliability and longevity
- Heat exchanger is removable for improved serviceability. Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability.
- Solid doors provide quiet operation
- Solid bottom
- Insulated blower compartment
- Low profile 34" cabinet ideal for space constrained installations
- Blower shelf design – serviceable in all furnace orientations
- Hemmed edges on cabinets and doors
- 1/4 turn door knobs for tool less access
- Integrated Control board features dip switches for easy system set up
- QR code for quick access to product information from your smart phone or tablet
- Constant Torque electrically commutated motor

Model	Input BTU/Hr	Output BTU/Hr	Cooling (CFM)	Height Inches	Length Inches	Width Inches	Weight lbs	AFUE	Motor	Price
R801TA050314MXA	50000	41000	1400	34	28 13/16	14	103	80	X13	
R801TA075417MXA	75000	61000	1550	34	28 13/16	17 1/2	116	80	X13	
R801TA075421MXA	75000	61000	1725	34	28 13/16	21	129	80	X13	
R801TA100521MXA	100000	81000	1975	34	28 13/16	21	129	80	X13	
R801TA125524MXA	125000	101000	2075	34	28 13/16	24	137	80	X13	



HEAT PUMPS

Ruud Ultra Series™ Variable Speed Heat Pumps



- Efficiencies up to 20 SEER/14.5 EER/13 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]

Limited Warranty

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

Variable Speed (UP20)

FEATURES

The UP20 is an EcoNet enabled product. The EcoNet Smart Home System provides advanced air & water control for maximum energy savings and ideal comfort.

- **PlusOne™ Energy Efficiency** offers a minimum of 20 SEER and 13 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.
- **PlusOne™ Expanded Valve Space** – 3"-4"-5" service valve space – provides a minimum working area of 27-square inches for easier access
- **PlusOne™ Triple Service Access** – 15" wide, industry leading corner service access – makes repairs easier and faster. The three 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
- **EcoNet™ Enabled product.** The EcoNet Smart Home System provides advanced air & water control for maximum energy savings and ideal comfort.
- **New composite base pan** – dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- **Powder coat paint system** – for a long lasting professional finish
- **The Copeland Scroll® Variable Speed Compressor** has a modulating technology which provides more precise temperature control, lower humidity and greater efficiency. The overdrive feature provides cooling load up to 107°F and heating load down to 7°F.
- **Modern cabinet aesthetics** – increased curb appeal with visually appealing design
- **Equipped with electronic expansion valve** to precisely control variable refrigerant flow.
- **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
- **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
- **Integrated heat pump lift receptacle** – allows standard CPVC stands to be inserted into the base
- **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
- **Diagnostic service window with two-fastener opening** – provides access to the high and low pressure.
- **External gauge port access** – allows easy connection of "low-loss" gauge ports
- **Single-row condenser coil (up thru 4 tons)** – 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



HEAT PUMPS

Variable Speed (UP20)

Ruud Ultra Series™ Variable Speed Heat Pumps



- Efficiencies up to 20 SEER/14.5 EER/13 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]

Limited Warranty

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

FEATURES (cont.)

- 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.

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Wgt lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
UP2024AJVCA	24000	208-230/60/1	38.37	39.37	39.64	231	3/8	3/4	
UP2036AJVCA	36000	208-230/60/1	48.18	39.37	39.64	280	3/8	3/4	
UP2048AJVCA	48000	208-230/60/1	53.56	39.37	39.64	301	3/8	7/8	
UP2060AJVCA	60000	208-230/60/1	53.56	39.37	39.64	362	3/8	7/8	



HEAT PUMPS

Ruud Achiever Plus™ Series Three-Stage Heat Pump



- Efficiencies: up to 18.5 SEER/13 EER/10.5 HSPF
- Nominal Sizes 2, 3, 4 & 5 Ton [70.3, 10.6, 12.7 & 17.6 kW]
- Cooling Capacities 17.3 to 60.5 kBTU [5.7 to 17.7 kW]

Limited Warranty

- Conditional Unit Replacement - 10 Years
- Parts - 10 Years

UP17 (EcoNet™ Enabled)

FEATURES

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

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Wgt lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
UP1724AJVCA	24000	208-230/60/1	38.35	37.64	37.56	230	3/8	3/4	
UP1736AJVCA	36000	208-230/60/1	38.35	37.64	37.56	230	3/8	3/4	
UP1748AJVCA	48000	208-230/60/1	42	39.37	39.64	257	3/8	7/8	
UP1760AJVCA	60000	208-230/60/1	48.18	39.37	39.64	289	3/8	7/8	



HEAT PUMPS

Ruud Achiever® Series Heat Pump



Limited Warranty

- Conditional Parts - 10 Years (Registration Required)

RP14

FEATURES

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
- Scroll® compressor – a sound abating feature added to the compressor significantly reduces noise when system transitions in and out of defrost mode
- 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

Model	Nominal Size BTU/HR	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Wgt lbs	Service Valve Liquid Line Size (Inch O.D.)	Service Valve Suction Line Size (Inch I.D.)	Price
RP1418AJ1NA	18000	208-230/60/1	27.9	33.25	33	152	3/8	3/4	
RP1424AJ1NA	24000	208-230/60/1	27.9	33.25	33	152	3/8	3/4	
RP1430AJ1NA	30000	208-230/60/1	27.9	33.25	33	208	3/8	3/4	
RP1436AJ1NA	36000	208-230/60/1	30.08	37.64	37.56	214	3/8	3/4	
RP1442AJ1NA	42000	208-230/60/1	30.08	37.64	37.56	208	3/8	7/8	
RP1448AJ1NA	48000	208-230/60/1	38.35	37.64	37.56	234	3/8	7/8	
RP1460AJ1NA	60000	208-230/60/1	42	39.37	39.64	269	3/8	7/8	



PACKAGE GAS ELECTRIC

RGEA14 (2-5 Ton)

Ruud Achiever® Series Package Gas Electric Unit



- Nominal Sizes 2-5 Tons [7.0-17.6 kW]

Limited Warranty

- Conditional Parts Warranty - 10 Years (1-Phase Residential, Registration Required)
- Compressor - 10 Years (1-Phase, Residential) 5 Years (1 & 3-Phase, Commercial)
- Part 1 Year (Commercial)

FEATURES

All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton RGEA15 models feature UltraTech™ Scroll® 2-Stage compressors with Comfort Alert™ diagnostics (see below), high/low pressure switches, and hard start kits.

- Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
- One-piece top with a deep flange to help keep water out of the unit.
- Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have “weep holes” and channels to further help manage water run-off.
- Side and down discharge options available on all models. All models are shipped ready for horizontal application.
- Easily accessible blower section complete with slide-out blower.
- Refrigerant connections are conveniently located for easy service diagnostics.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. Its easier to clean and has a more robust surface.
- Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These new gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
- All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
- Easily accessible control box.
- Single point wiring simplifies installation.
- Our gas/electric package units feature a tubular heat exchanger design. Tubular heat exchangers are more efficient and durable than older-style clamshell heat exchangers. The heat exchanger is backed by a 10 year limited warranty. Models with a stainless steel heat exchanger installed in a residential application are backed by a limited lifetime warranty.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Filter drier standard on all models (not shown).
- Rugged baserail included for improved installation and handling
- Complete factory charged, wired and run tested.
- Molded compressor plugs.
- A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RGEA14024AJD04XAA	24853	800 / 900	25	208-230/60/1	36.13	52.5	48.38	408	
RGEA14024AJD06XAA	24853	800 / 900	25	208-230/60/1	36.13	52.5	48.38	413	
RGEA14030AJD06XAA	29760	1000 / 1000	30	208-230/60/1	36.13	52.5	48.38	413	
RGEA14030AJD08XAA	29760	1000 / 1000	30	208-230/60/1	36.13	52.5	48.38	418	
RGEA14036AJD06XAA	35330	1200 / 1200	35	208-230/60/1	36.13	52.5	48.38	421	
RGEA14042AJT08XAA	41092	1400 / 1300	45	208-230/60/1	36.13	52.5	48.38	451	
RGEA14048AJT08XAA	47535	1600 / 1550	50	208-230/60/1	41.25	52.5	48.38	487	
RGEA14060AJT10XAA	58945	2000 / 1700	60	208-230/60/1	41.25	52.5	48.38	522	



PACKAGE GAS ELECTRIC

RGEA16 (2-5 Ton)

Ruud Ultra™ Series Package Gas Electric Unit



- Nominal Sizes 2-5 Tons [7.0-17.6 kW]
- Efficiencies up to 16 SEER/12.4 EER

Limited Warranty

- Conditional Parts Warranty - 10 Years (1-Phase Residential, Registration Required)
- Compressor - 10 Years (1-Phase, Residential) 5 Years (1 & 3-Phase, Commercial)
- Part 1 Year (Commercial)

FEATURES

All models feature Scroll® compressors for maximum efficiency and quiet operation. 5 Ton RGEA16 models feature UltraTech™ Scroll® 2-Stage compressors with Comfort Alert™ diagnostics (see below), high/low pressure switches, and hard start kits.

- Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
- One-piece top with a deep flange to help keep water out of the unit.
- Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have “weep holes” and channels to further help manage water run-off.
- Side and down discharge options available on all models. All models are shipped ready for horizontal application.
- Easily accessible blower section complete with slide-out blower. The RGEA16 comes standard with variable speed motor with adjustable airflow in heating and cooling. The variable speed motor also comes with a interface that allows for dehumidification when used in continuous humidistat. The variable speed system is capable of 1 inch external static.
- Refrigerant connections are conveniently located for easy service diagnostics.
- Condenser and evaporator coils feature enhanced fins for better heat transfer and rifled copper tubing for greater efficiency.
- Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These new gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
- All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
- Easily accessible control box.
- Single point wiring simplifies installation.
- Our gas/electric package units feature a tubular heat exchanger design. Tubular heat exchangers are more efficient and durable than older-style clamshell heat exchangers. Stainless Steel Heat Exchanger is a standard feature on the RGEA16 and is backed by a limited lifetime warranty when installed in a residential application, and a 20 year warranty when installed in a commercial application. Two stage gas heat is standard on the RGEA16 models.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Filter drier standard on all models (not shown).
- Rugged baserail included for improved installation and handling
- Complete factory charged, wired and run tested.
- Molded compressor plugs.

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RGEA16024AJV06TAAUA	24178	800 / 800	25	208-230/60/1	36.13	52.5	48.38	467	
RGEA16036AJV06TAAUA	36805	1200 / 1200	40	208-230/60/1	41.25	52.5	48.38	558	
RGEA16048AJV08TAAUA	48665	1600 / 1600	50	208-230/60/1	41.25	52.5	48.38	562	
RGEA16060AJV10TAAUA	60443	2000 / 1850	60	208-230/60/1	41.25	52.5	48.38	594	



PACKAGE HEAT PUMP

RQPL-B (2 - 4 Ton)

Ruud Achiever® Series Self-Contained 14 SEER Package Heat Pump



- 1 & 3 Phase Models
- Convertible Airflow
- Scroll® Compressor
- Nominal Sizes: 2 - 4 Ton

Limited Warranty

- Conditional Parts Warranty - 10 Years (Residential Registration Required), 1 Year (Commercial)
- Limited Compressor Warranty - 10 Years (Residential), 5 Years (Commercial)

FEATURES

Ruud *Achiever*® Series Package Heat Pumps combine money-saving efficiency, whisper-quiet operation, environmental- friendliness and superb performance to bring you peace of mind – year after year. Nothing performs more reliably than a Ruud Package Heat Pump. It's that simple.

- **The Compliant Scroll® Compressor.**
All of our residential package units - regardless of efficiency level-feature the Scroll® Compressor. These scroll compressors use a more advanced technology than traditional reciprocating compressors. They have fewer moving parts, and they are quieter, more efficient, and longer lasting.
- **Durable Cabinet with Louvered Condenser Compartment.**
Our cabinets have a powder painted finish that protects them from the harshest weather extremes. And our louvered condenser compartment is the best in the industry for protecting the condenser coil against yard hazards and weather extremes.
- **Grille/Fan Motor Mount.**
Our mount helps protect the fan motor from the elements for longer life. Its design dependability helps reduce vibration and noise.
- **Easily Accessible Control Box.**
Operational controls are "up front" for quick installation and easy service diagnostics.
- **Matched Blower/Evaporator Coil Unit.**
The blower is responsible for the flow of air into your ductwork. It has been designed to match the MultiFlex® evaporator coil and other system components for maximum efficiency and quiet operation. In addition, the coil features rifled copper tubing and enhanced fins for improved efficiency.
- **Service Fittings.**
Exterior service fittings enable a serviceman to quickly determine unit operating conditions.
- **Supplemental Electric Heating Strips.**
These optional electric strips can provide supplemental heating capacity during periods of extreme cold.

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RQPL-B024JK000AUA	24942	800 / 850	30	208-230/60/1	36.13	52.5	48.38	401	
RQPL-B030JK000AUA	29746	1000 / 1050	35	208-230/60/1	41.25	52.5	48.38	455	
RQPL-B036CK000AUA	36662	1200 / 1250	25	208-230/60/3	41.25	52.5	48.38	482	
RQPL-B042CK000AUA	43472	1400 / 1400	35	208-230/60/3	41.25	52.5	48.38	519	
RQPL-B048CK000AUA	48875	1600 / 1600	35	208-230/60/3	41.25	52.5	48.38	511	





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Ruud manufactures residential & commercial heating, cooling & water heating products.

"In keeping with its policy of continuous progress & product improvement, Ruud reserves the right to make changes without notice."

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