

# RHEEM RESIDENTIAL AIR CONDITIONING

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*Available in Northern Alberta, Saskatchewan and Manitoba.*

**Expert Service. Quality Products. Since 1960.**

# RHEEM RESIDENTIAL AIR CONDITIONING

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## RANL- JAZ SERIES CONDENSING UNITS — 1-1/2 TO 5 TONS

### 13 SEER — R410A — 1 PHASE — 10 YEAR WARRANTY

The Rheem Classic® Series High Efficiency RANL- Condensing Units were designed with performance in mind. These units offer comfort, energy conservation and dependability for single, multi-family and light commercial applications.

These units also contain the most advanced alternate refrigerant which contains no chlorofluorocarbons (CFCs), or hydrochlorofluorocarbons (HCFCs), or other compounds that may leak from air-conditioning systems and potentially harm the protective ozone layer of the Earth's atmosphere.

The Rheem Classic® Series RANL- Condensing Units are the result of an ongoing development program for improved efficiencies. These units are flexible enough to achieve up to 15.00 SEER in specific match-ups, continuing a tradition of high efficiency.



- Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.
- Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille provides minimum air restriction.
- Combination Grille/Motor Mount secures the motor to the underside of the discharge grille. The grille protects the motor windings and bearings from rain and snow.
- All controls are accessible by removing one service panel. Removable top grille provides access to the condenser fan motor and condenser coil.
- Single speed 8-pole fan motor designed for low speed, quiet, energy-saving operation. All models meet or exceed a 1000-hour salt spray test per ASTM B117 Standard Practice for Operating Salt Spray Testing Apparatus.

### MODEL NUMBER IDENTIFICATION

<u>R</u>	<u>A</u>	<u>N</u>	<u>L</u>	—	<u>018</u>	<u>J</u>	<u>A</u>	<u>Z</u>
RHEEM	REMOTE CONDENSING UNIT	N = 13 SEER	DESIGN SERIES		COOLING CAPACITY	ELECTRICAL DESIGNATION	VARIATIONS	COOLING CONNECTION FITTING
			L = R-410A		018 = 18,000 BTU/HR [5.28 kW] 024 = 24,000 BTU/HR [7.03 kW] 031 = 30,000 BTU/HR [8.79 kW] 037 = 36,000 BTU/HR [10.55 kW] 043 = 42,000 BTU/HR [12.31 kW] 049 = 48,000 BTU/HR [14.07 kW] 060 = 60,000 BTU/HR [17.58 kW]	J = 208/230V-1-60 C = 208/230V-3-60 (RANL MODELS ONLY) D = 460V-3-60 (RANL MODELS ONLY) Y = 575V-3-60 (RANL 4 & 5 TON MODELS ONLY)	A-SERIES = FULL-FEATURED	Z = SWEAT W/SCROLL

[ ] Designates Metric Conversions

*"Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your local ECCO Sales Representative for details or visit [www.energystar.gov](http://www.energystar.gov)"*

ITEM #	MODEL	COOLING CAPACITY (TONS)	ELECTRICAL	WEIGHT (LBS)
885570	RANL-018JAZ	1.5	208/230/1	140
885572	RANL-024JAZ	2.0	208/230/1	150
885574	RANL-031JAZ	2.5	208/230/1	153
885576	RANL-036JAZ	3.0	208/230/1	203
885580	RANL-048JAZ	4.0	208/230/1	214
885582	RANL-060JAZ	5.0	208/230/1	250

**NOTE:** 3 Phase units are available — P.O.A.

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## 13AJM- SERIES CONDENSING UNITS — 1-1/2 TO 5 TONS

### 13 SEER — R410A — 1 PHASE — 10 YEAR WARRANTY

#### Features

- Painted louvered steel cabinet
- Easily accessible control box
- Condenser coils constructed with copper tubing and enhanced aluminum fins
- Grille/Motor mount for quiet fan operation
- Bi-Directional Filter Drier (shipped – not installed)



#### Applications

Outdoor condensing unit designed for ground level or rooftop installations. These units offer comfort and dependability for single, multi-family and light commercial applications.

#### MODEL NUMBER IDENTIFICATION

<b><u>13</u></b>	<b><u>A</u></b>	<b><u>J</u></b>	<b><u>M</u></b>	<b><u>18</u></b>	<b><u>A</u></b>	<b><u>01</u></b>
13 SEER	A = AIR CONDITIONER	<u>VOLTAGE</u> J = 208-230 SINGLE PHASE	<u>DESIGN SERIES</u> M = 2ND DESIGN R-410A	<u>NOMINAL COOLING CAPACITY</u> 18 = 18,000 BTU/HR [5.28 kW] 24 = 24,000 BTU/HR [7.03 kW] 30 = 30,000 BTU/HR [8.79 kW] 36 = 36,000 BTU/HR [10.55 kW] 42 = 42,000 BTU/HR [12.31 kW] 48 = 48,000 BTU/HR [14.07 kW] 60 = 60,000 BTU/HR [17.58 kW]	<u>CABINET</u> A = FULL METAL JACKET	RHEEM VALUE SERIES

ITEM #	MODEL	COOLING CAPACITY (TONS)	ELECTRICAL	WEIGHT (LBS)
885632	13AJM18A01	1.5	208/230/1	135
885634	13AJM24A01	2.0	208/230/1	135
885636	13AJM30A01	2.5	208/230/1	154
885638	13AJM36A01	3.0	208/230/1	198
885640	13AJM42A01	3.5	208/230/1	195
885642	13AJM48A01	4.0	208/230/1	233
885644	13AJM60A01	5.0	208/230/1	234

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## RAPM- JAZ SERIES CONDENSING UNITS — 1-1/2 TO 5 TONS

### 14 SEER — R410A — 1 PHASE — 10 YEAR WARRANTY

The Rheem Classic® Series High Efficiency RAPM- Condensing Units were designed with performance in mind. These units offer comfort, energy conservation and dependability for single, multi-family and light commercial applications.

These units also contain the most advanced alternate refrigerant which contains no chlorofluorocarbons (CFCs), or hydrochlorofluorocarbons (HCFCs), or other compounds that may leak from air-conditioning systems and potentially harm the protective ozone layer of the Earth's atmosphere.

The Rheem Classic® Series RAPM- Condensing Units are the result of an ongoing development program for improved efficiencies. These units are flexible enough to achieve up to 16.00 SEER in specific match-ups, continuing a tradition of high efficiency.



- Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.
- Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille provides minimum air restriction.
- Combination Grille/Motor Mount secures the motor to the underside of the discharge grille. The grille protects the motor windings and bearings from rain and snow.
- All controls are accessible by removing one service panel. Removable top grille provides access to the condenser fan motor and condenser coil.
- Single speed 8-pole fan motor designed for low speed, quiet, energy-saving operation.
- All models meet or exceed a 1000-hour salt spray test per ASTM B117 Standard Practice for Operating Salt Spray Testing Apparatus.

### MODEL NUMBER IDENTIFICATION

<u>R</u>	<u>A</u>	<u>P</u>	<u>M</u>	<u>—</u>	<u>018</u>	<u>J</u>	<u>A</u>	<u>Z</u>
RHEEM	REMOTE CONDENSING UNIT	P = 14 SEER	DESIGN SERIES		COOLING CAPACITY	ELECTRICAL DESIGNATION	VARIATIONS	COOLING CONNECTION FITTING
			M = R-410A (2ND DESIGN SERIES)		018 = 18,000 BTU/HR [5.28 kW] 024 = 24,000 BTU/HR [7.03 kW] 030 = 30,000 BTU/HR [8.79 kW] 036 = 36,000 BTU/HR [10.55 kW] 042 = 42,000 BTU/HR [12.31 kW] 048 = 48,000 BTU/HR [14.07 kW] 060 = 60,000 BTU/HR [17.58 kW]	J = 208/230V-1-60	A-SERIES = FULL-FEATURED	Z = SWEAT W/SCROLL

[ ] Designates Metric Conversions

*"Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your local ECCO Sales Representative for details or visit [www.energystar.gov](http://www.energystar.gov)."*

ITEM #	MODEL	COOLING CAPACITY (TONS)	ELECTRICAL	WEIGHT (LBS)
885480	RAPM-018JAZ	1.5	208/230/1	152
885482	RAPM-024JAZ	2.0	208/230/1	205
885484	RAPM-030JAZ	2.5	208/230/1	213
885486	RAPM-036JAZ	3.0	208/230/1	223
885488	RAPM-048JAZ	4.0	208/230/1	290
885490	RAPM-060JAZ	5.0	208/230/1	299

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## RCFM- INDOOR COILS

### CASED/UNCASED COILS FOR GAS AND OIL FURNACES — R410A

#### AIRFLOW CAPACITIES

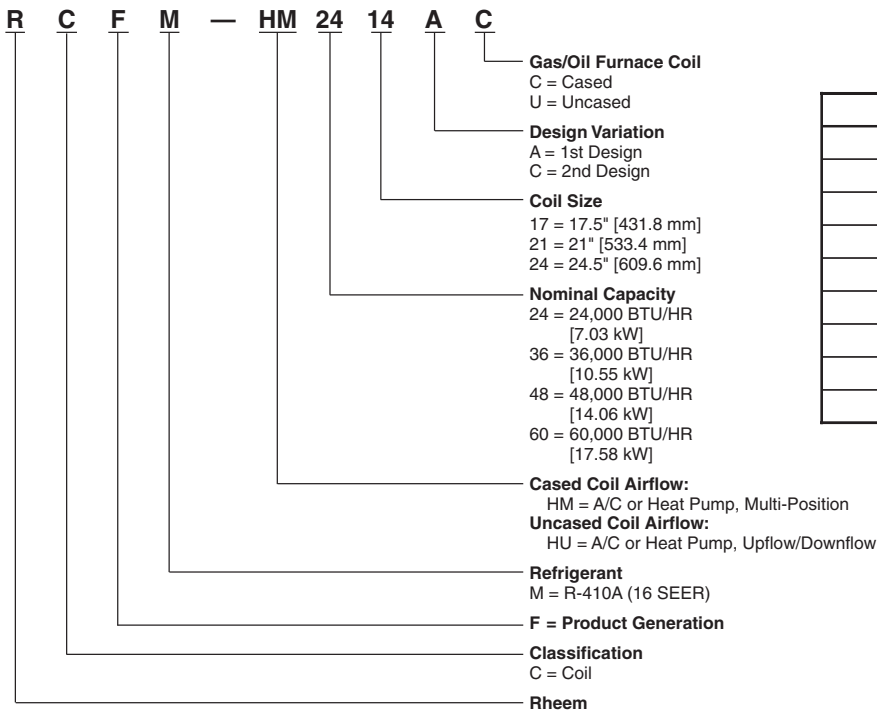
**600-1,900 CFM [283-897 L/s]**

Rheem® Indoor Coils are designed for use with Rheem outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Rheem outdoor units, the coils provide a nominal capacity range from 24,000 BTU/HR [7.03 kW] to 60,000 BTU/HR [17.58 kW].

- Constructed of aluminum fins bonded to internally grooved copper tubing.
- Coils are tested at the factory with an extensive refrigerant leak check. Coils have sweat refrigerant connections.
- Ideally suited for new installations or add on air conditioning.
- Feature two sets of 3/4" [14.1 mm] N.P.T. Condensate drain connections for ease of connection.
- Coils are A.R.I. certified for system application with variety of Rheem 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.



#### MODEL NUMBER IDENTIFICATION



Available Models of RCFM Coils

RCFM-HM2417AC	RCFM-HU2417AU
RCFM-HM2421AC	RCFM-HU2421AU
RCFM-HM3617AC	RCFM-HU3617AU
RCFM-HM3617CC	RCFM-HU3617CU
RCFM-HM3621AC	RCFM-HU3621AU
RCFM-HM3621CC	RCFM-HU3621CU
RCFM-HM4821AC	RCFM-HU4821AU
RCFM-HM4824AC	RCFM-HU4824AU
RCFM-HM6024AC	RCFM-HU6024AU

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### ACCESSORIES

ITEM #	MODEL	DESCRIPTION
709720	BC-CB151TUL	Condensate Pump with Switch and Tubing
709821	BC-CB151UL	Condensate Pump
709722	BC-CB151LSUL	Condensate Pump
709724	CP-22	Condensate Pump
709726	CP-22T	Condensate Pump w/Tubing
709817	VCMA-15ULST	Condensate Pump
709820	VCMA-15UL	Condensate Pump
709804	3/8" × 1/2"	Clear Plastic Tubing
709805	3/8" × 1/2" × 100'	Clear Plastic Tubing
709809	3/4" × 1" × 100'	Clear Plastic Tubing
709807	1/2" × 5/8" × 100'	Clear Plastic Tubing
709808	1/2" × 5/8"	Clear Plastic Tubing
709810	5/8" × 3/4"	Clear Plastic Tubing
709813	5/8" × 3/4" × 100'	Clear Plastic Tubing

### CONDENSOR PADS

ITEM #	MODEL	SIZE (")	DESCRIPTION
709700	—	24 × 30	Cement Patio Block
709706	UltraLite	16 × 36 × 2	Concrete Pad
709710	UltraLite	24 × 30 × 2	Concrete Pad
709712	UltraLite	32 × 32 × 2	Concrete Pad
709714	UltraLite	36 × 36 × 2	Concrete Pad
709715	UltraLite	40 × 40 × 2	Concrete Pad
709716	E-Lite	32 × 32 × 2	Plastic Pad
709717	E-Lite	36 × 36 × 2	Plastic Pad

### BARB NYLON FITTINGS

ITEM #	MODEL	DESCRIPTION
709815	—	3/4" MIP × 5/8" Barb 90° Elbow
709814	—	3/4" MPT × 3/4" Barb 90° Elbow
709816	—	3/4" FIP × 5/8" Barb 90° Elbow
709812	—	3/4" MPT × 3/4" Barb Adapter
709811	TEA-2416	3/4" MPT × 1/2" Barb Adapter

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## ACCESSORIES (cont'd)

### ELECTRICAL

ITEM #	MODEL	DESCRIPTION
888000	DDS-60U	Air Conditioner Disconnect
887990	B6-12-6NM	A/C Electrical Whip

### PIPE INSULATION

ITEM #	DESCRIPTION
709229	5/8" × 3/8" × 6 ft. Generic
709230	7/8" × 3/8" × 6 ft. Generic
709231	3/4" × 3/8" × 6 ft. Generic
709233	1-1/8" × 3/8" × 6 ft. Generic
709235	3/4" × 3/8" × 6 ft. Armaflex
709236	7/8" × 3/8" × 6 ft. Armaflex
709237	1-1/8" × 3/8" × 6 ft. Armaflex



Pipe Insulation

### REFRIGERATION SERVICE TUBING — COPPER

ITEM #	WALL THICKNESS	DESCRIPTION
709220	.030	1/4" × 50 ft.
709221	.032	5/16" × 50 ft.
709222	.032	3/8" × 50 ft.
709223	.032	1/2" × 50 ft.
709224	.032	5/8" × 50 ft.
709225	.035	3/4" × 50 ft.
709226	.035	7/8" × 50 ft.
709227	.050	1-1/8" × 50 ft.



Copper Tubing

### CONDENSOR WALL BRACKET

ITEM #	SIZE	DESCRIPTION
599740	30	Condenser Wall Bracket (MB & ON only)
599730	18 × 30	Condenser Bracket 1-1/2 – 3 Ton
599736	18 × 36	Condenser Bracket 3 – 5 Ton
599742	18 × 38	Condenser Wall Bracket
599738	18 × 42	Condenser Wall Bracket with Cross Brace



Not exactly as illustrated.

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