



Air

Heat Pumps
RP15 Series

The new degree of comfort.™

Rheem Classic® Series Heat Pump



RP15 Series

Efficiencies: 14-15 SEER/11.5-12.5 EER

Nominal Sizes 1½ to 5 Ton [5.28 to 17.6 kW]

Cooling Capacities 17.3 to 60.5 kBTU

[5.7 to 17.7 kW]



"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. Ask your Contractor for details or visit www.energystar.gov."

- 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



INTEGRATED HOME COMFORT

FORM NO. P11-807 REV. 7

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Standard Feature Table

Feature	18	24	30	36	42	48	60
R-410a Refrigerant	✓	✓	✓	✓	✓	✓	✓
Maximum SEER	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Maximum EER	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Maximum HSPF	9	9	9	9	9	9	9
Scroll Compressor	✓	✓	✓	✓	✓	✓	✓
Field Installed Filter Drier	✓	✓	✓	✓	✓	✓	✓
Front Seating Service Valves	✓	✓	✓	✓	✓	✓	✓
High Pressure Switch	✓	✓	✓	✓	✓	✓	✓
Low Pressure Switch	✓	✓	✓	✓	✓	✓	✓
Internal Pressure Relief Valve	✓	✓	✓	✓	✓	✓	✓
Internal Thermal Overload	✓	✓	✓	✓	✓	✓	✓
Long Line capability	✓	✓	✓	✓	✓	✓	✓
Low Ambient capability with Kit	✓	✓	✓	✓	✓	✓	✓
3-4-5 Service Valve Access	✓	✓	✓	✓	✓	✓	✓
Composite Basepan	✓	✓	✓	✓	✓	✓	✓
2 Screw Control Box Access	✓	✓	✓	✓	✓	✓	✓
15" Access to Internal Components	✓	✓	✓	✓	✓	✓	✓
Quick release louver panel design	✓	✓	✓	✓	✓	✓	✓
No fasteners to remove along bottom	✓	✓	✓	✓	✓	✓	✓
Optimized Venturi Airflow	✓	✓	✓	✓	✓	✓	✓
Single row condenser coil	✓	✓	✓	✓	✓	✓	✓
Powder coated paint	✓	✓	✓	✓	✓	✓	✓
Rust resistant screws	✓	✓	✓	✓	✓	✓	✓
QR code	✓	✓	✓	✓	✓	✓	✓
External gauge ports	✓	✓	✓	✓	✓	✓	✓
Service trays	✓	✓	✓	✓	✓	✓	✓

✓ = Standard

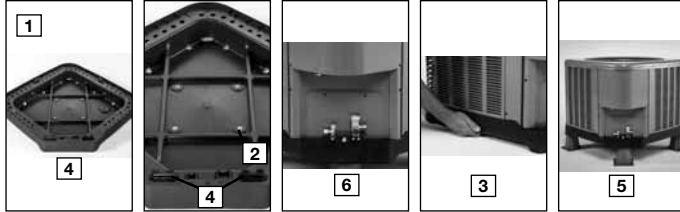
Available SKU

Available Models	Description
RP1518BJ1NA	<i>Classic</i> ® 1 1/2 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1524BJ1NA	<i>Classic</i> ® 2 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1530BJ1NA	<i>Classic</i> ® 2 1/2 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1536AJ1NA	<i>Classic</i> ® 3 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1542AJ1NA	<i>Classic</i> ® 3 1/2 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1548AJ1NA	<i>Classic</i> ® 4 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1560AJ1NA	<i>Classic</i> ® 5 ton 15 SEER Single-Stage Heat Pump-208/230/1/60
RP1536AC1NA	<i>Classic</i> ® 3 ton 15 SEER Single-Stage Heat Pump-208/230/3/60
RP1542AC1NA	<i>Classic</i> ® 3 1/2 ton 15 SEER Single-Stage Heat Pump-208/230/3/60
RP1548AC1NA	<i>Classic</i> ® 4 ton 15 SEER Single-Stage Heat Pump-208/230/3/60
RP1560AC1NA	<i>Classic</i> ® 5 ton 15 SEER Single-Stage Heat Pump-208/230/3/60

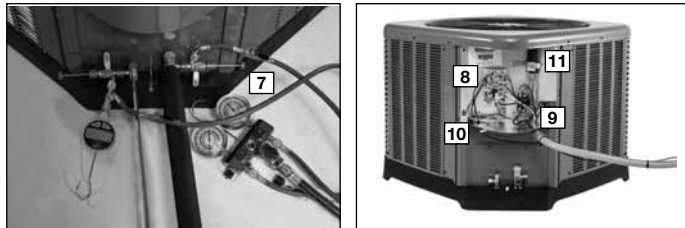
Introduction to RP15 Heat Pump

The RP15 is our 15 SEER heat pump and is part of the Rheem heat pump product line that extends from 14 to 20 SEER. This highly featured and reliable heat pump is designed for years of reliable, efficient operation when matched with Rheem indoor aluminum evaporator coils and furnaces or air handler units with aluminum evaporators.

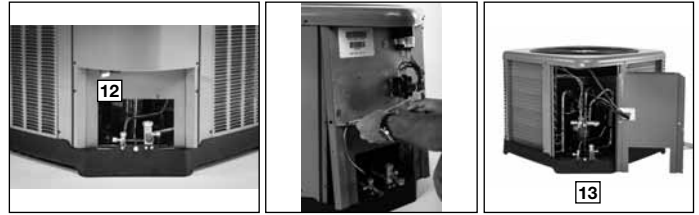
Our unique composite base (1) reduces sound emission, eliminates rattles, significantly reduces fasteners, eliminates corrosion and has integrated brass compressor attachment inserts (2). Furthermore it has incorporated into the design, water management features, means for hand placement (3) for unit maneuvering, screw trays (4) and inserts for lifting unit off pad. (5)



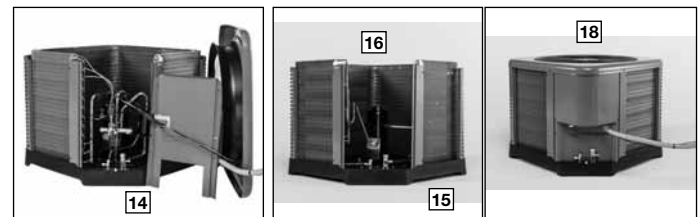
Service Valves (6) are rigidly mounted in the composite base with 3" between suction and discharge valves, 4" clearance below service valves and a minimum of 5" above the service valves, creating industry leading installation ease. The minimum 27-square inches around the service valves allows ample room to remove service valve schrader prior to brazing, plenty of clearance for easy brazing of the suction and discharge lines to service valve outlets, easy access and hookup of low loss refrigerant gauges (7), and access to the service valve caps for opening. For applications with long-line lengths up to 250 feet total equivalent length, up to 200 feet heat pump above evaporator, or up to 80 feet evaporator above heat pump, the long-line instructions in the installation manual should be followed.



Controls are accessed from the corner of the unit by removing only two fasteners from the control access cover, revealing the industry's largest 15" wide and 14" tall control area (8). With all this room in the control area the high voltage electrical whip (9) can easily be inserted through the right size opening in the bottom of the control area. Routing it leads directly to contractor lugs for connection. The low voltage control wires (10) are easily connected to units low voltage wiring. If contactor, defrost control or capacitor (11) needs to be replaced there is more than adequate space to make the repair. Furthermore, the service window (12) can be removed to access the TXV and reversing valve by removing two screws or the entire corner can be removed providing ultimate access to the TXV or reversing valve. (13)



If in the rare event, greater access is needed to internal components, such as the compressor, the entire corner of the unit can be removed along with the top cover assembly to have unprecedented access to interior of the unit (14). Extra wire length is incorporated into each outdoor fan and compressor so top cover and control panel can be positioned next to unit. With minimal effort the plug can be removed from the compressor and the outdoor fan wires can be removed from the capacitor to allow even more uncluttered access to the interior of the unit (15). Outdoor coils heights range from as short as 25" to 45", aiding access to the compressor. Disassembly to this degree and complete reassembly only takes a first time service technician less than 10 minutes. (18)



All units utilize strong formed louver panels which provide industry leading coil protection. Louver removal for coil cleaning is accomplished by removing one screw and lifting the panel out of the composite base pan (17). All RP15 units utilize single row coils (16) making cleaning easy and complete, restoring the performance of the heat pump back to out of the box performance levels year after year.

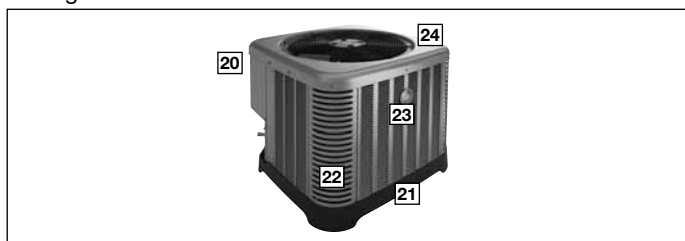


The outdoor fan motor has sleeve bearings and is inherently protected. The motor is totally enclosed for maximum protection from weather, dust and corrosion. Access to the outdoor fan is made by removing four fasteners from the fan grille. The outdoor fan can be removed from the fan grille by removing 4 fasteners in the rare case outdoor fan motor fails.

Each cabinet has optimized composite (19) fan orifice assuring efficient and quiet airflow.

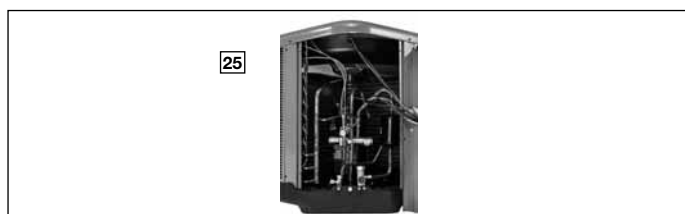


The entire cabinet has powder post paint (20) achieving 1000 hour salt spray rating, allowing the cabinet to retain its aesthetics throughout its life.



Scroll compressors with standard internal pressure relief and internal thermal overload are used on all capacities assuring longevity of high efficient and quiet operation for the life of the product. All RP15 Heat Pumps come standard with high and low pressure switches.

Each unit is shipped with filter drier for field installation and will trap any moisture or dirt that could contaminate the refrigerant system.



All cabinets have industry leading structural strength due to the composite base pan (21), interlocking corner post (22), formed curved louver panels (23) and drawn top cover (24) making it the most durable cabinet on the market today.

Each RP15 capacity has undergone rigorous psychrometric testing to assure performance ratings of capacity, SEER, EER and HSPF per AHRI Standard 210/240 rating conditions. Also each unit bears the UL mark and each unit is certified to UL 1995 safety standards.



Each unit has undergone specific strain and modal testing to assure tubing (25) is outside the unit's natural frequency and that the suction and discharge lines connected to the compressor withstand any starting, steady state operation or shut down forces imposed by the compressor.

All units have been sound tested in sound chamber to AHRI 270 rating conditions, and A-weighted Sound Power Level tables produced, assuring units have acceptable noise qualities (see page 9). Each unit has been ran in cooling operation at 95°F and 47°F and sound ratings for the RP15 range from as low as 73 dBA to 79 dBA.

All units have been ship tested to assure units meet stringent "over the road" shipping conditions.

As manufactured all units in the RP15 family have cooling capability to 55 °F. Addition of low ambient control will allow the unit to operate down to 0°F.

Factory testing is performed on each unit. All component parts meet well defined specification and continually go through receiving inspections. Each component installed on a unit is scanned, assuring correct component utilization for a given unit capacity and voltage. All condenser coils are leak tested with pressurization test to 550#’s and once installed and assembled, each units’ complete refrigerant system is helium leak tested. All units are fully charged from the factory for up to 15 feet of piping. All units are factory run tested. The RP15 has a 10-year conditional compressor and parts warranty (registration required).

Optional Accessories (Refer to accessory chart for model #)

Compressor Crankcase Heater

- Protects against refrigerant migration that can occur during low ambient operation

Compressor Sound Cover

- Reinforced vinyl compressor cover containing a 1½ inch thick batt of fiberglass insulation
- Open edges are sealed with a one-inch wide hook and loop fastening tape

Compressor hard Start Kit

- Single-phase units are equipped with a PSC compressor motor. This type of motor normally does not need a potential relay and start capacitor
- In conditions such as low voltage, this kit may be required to increase the compressor starting torque

Low Ambient Kit

- Heat Pump operate satisfactorily in the cooling mode down to 55°F outdoor air temperature without any additional controls
- Kit can be added in the field enabling unit to operate properly down to 0° in the cooling mode
- Crankcase heater and freezestat should be installed on compressors equipped with a low ambient kit

3"/6"/12"

- Gray high density polyethylene feet are available to raise unit off of mounting surface away from moisture

Heat Pumps

<u>R</u>	<u>P</u>	<u>15</u>	<u>24</u>	<u>A</u>	<u>J</u>	<u>1</u>	<u>N</u>	<u>A</u>	<u>*</u>
Brand	Product Category	SEER	Capacity BTU/HR	Major Series*	Voltage	Type	Controls	Minor Series**	Option Code
Rheem	P - Heat Pump	13 - 13 SEER	18 - 18,000 [5.28 kW]	A - 1st Design	J - 1ph, 208-230/60	1 - Single-stage	C - Communicating	A - 1st Design	N/A
		14 - 14 SEER	24 - 24,000 [7.03 kW]	B - 2nd Design	C - 3ph, 208-230/60	V - Inverter	N - Non-communicating	B - 2nd Design	
		15 - 15 SEER	30 - 30,000 [8.79 kW]		D - 3ph, 460/60	P - Piston			
		16 - 16 SEER	36 - 36,000 [10.55 kW]						
		17 - 17 SEER	42 - 42,000 [12.31 kW]						
		20 - 20 SEER	48 - 48,000 [14.07 kW]						
			60 - 60,000 [17.58 kW]						

Air Conditioners (For Reference)

<u>R</u>	<u>A</u>	<u>14</u>	<u>24</u>	<u>A</u>	<u>J</u>	<u>1</u>	<u>N</u>	<u>A</u>	<u>*</u>
Brand	Product Category	SEER	Capacity BTU/HR [kW]	Major Series*	Voltage	Type	Controls	Minor Series**	Option Code
Rheem	A - Air Conditioners	13 - 13 SEER	18 - 18,000 [5.28 kW]	A - 1st Design	J - 1ph, 208-230/60	1 - Single-stage	C - Communicating	A - 1st Design	N/A
		14 - 14 SEER	24 - 24,000 [7.03 kW]	B - 2nd Design	C - 3ph, 208-230/60	2 - Two-stage	N - Non-communicating	B - 2nd Design	
		16 - 16 SEER	30 - 30,000 [8.79 kW]		D - 3ph, 460/60	V - Inverter			
		17 - 17 SEER	36 - 36,000 [10.55 kW]						
		20 - 20 SEER	42 - 42,000 [12.31 kW]						
			48 - 48,000 [14.07 kW]						
			60 - 60,000 [17.58 kW]						

Furnace Coils (For Reference)

<u>R</u>	<u>C</u>	<u>F</u>	<u>24</u>	<u>17</u>	<u>S</u>	<u>I</u>	<u>A</u>	<u>M</u>	<u>C</u>	<u>A</u>	<u>*</u>
Brand	Product Category	Type	Capacity BTU/HR	Width	Efficiency	Metering Device	Major Series*	Orientation	Casing	Minor Series**	Option Code
Rheem	C - Evap Coil	F - Furn Coil H - Air-Handler Coil	24 - 24,000 [7.03 kW]	14 - 14"	S- Standard Eff.	T-TXV	A - 1st Design	M - Multi-poise	C - Cased	A - 1st Design	N/A
			36 - 36,000 [10.55 kW]	17 - 17.5"	M- Mid Eff.	E-EEV			U - Uncased	B - 2nd Design	
			48 - 48,000 [14.07 kW]	21 - 21"	H- High Eff.	P-Piston					
			60 - 60,000 [17.58 kW]	24 - 24.5"							

[] Designates Metric Conversions



Air

Model Number Identification
RP15 Series



INTEGRATED HOME COMFORT

90%+ AFUE Gas Furnaces (For Reference)

R	96	V	A	70	2	3	17	M	S	A
Brand	Series	Motor	Major Rev	Input BTU/HR [kW]	Stages	Air Flow	Cabinet Width	Configuration	Nox	Minor Rev
Rheem	90 - 90 AFUE	V - Variable speed	A - 1st Design	040 - 42,000 [12.31 kW]	1 - Single-stage	3 - up to 3 ton	14 - 14"	M - Multi-poise	X - Low Nox	A - 1st Design
	92 - 92 AFUE	T - Constant Torque (X-13)	B - 2nd Design	060 - 56,000 [16.41 kW]	2 - Two-stage	5 - 3 1/2 up to 5 ton	17 - 17.5"		S - Standard	B - 2nd Design
	95 - 95 AFUE			070 - 70,000 [20.51 kW]	M - Modulating		21 - 21"			
	96 - 96 AFUE			085 - 84,000 [24.62 kW]			24 - 24.5"			
	97 - 97 AFUE	P - PSC		100 - 98,000 [28.72 kW]						
				115 - 112,000 [32.82 kW]						

80% AFUE Gas Furnaces (For Reference)

R	80	2	V	A	075	3	17	M	S	A
Brand	Series	Stages	Motor	Major Rev	Input BTU/HR [kW]	Air Flow	Cabinet Width	Configuration	Nox	Minor Rev
Rheem	80 - 80+ AFUE	1 - Single-stage	V - Variable speed	A - 1st Design	050 - 50,000 [15 kW]	3 - up to 3 ton	14 - 14"	M - Multi	X - Low Nox	A - 1st Design
		2 - Two-stage	T - Constant Torque (X-13)	B - 2nd Design	075 - 75,000 [22 kW]	4 - 2 1/2 to 4 ton	17 - 17.5"	D - Down	S - Standard	B - 2nd Design
			P - PSC premium		100 - 100,000 [29 kW]	5 - 3 1/2 up to 5 ton	21 - 21"	Z - Down & zero clearance		
			S - PSC standard		125 - 125,000 [37 kW]		24 - 24.5"	down flow		
					150 - 150,000 [44 kW]					

Air Handlers (For Reference)

R	H	1	T	36	17	S	T	A	N	A	000	*	-
Brand	Product Category	Stages of Airflow	Motor Type	Capacity BTU/HR	Width	Coil Size	Metering Device	Major Series*	Controls	Voltage	Minor Series**	Factory Heat Cap Code	Option Code
Rheem	H - Air Handler	1 - Single-stage	V - Variable Speed	24 - 24,000 [7.03 kW]	14 - 14"	S - Standard Efficiency	T - TEV	A - 1st Design	C - Communicating	A - 1ph, 115/60	A - 1st Design	00 - no factory heat with option code	N/A
		2 - Two-stage	T - Constant Torque	36 - 36,000 [10.55 kW]	17 - 17.5"	M - Mid Efficiency	E - EEV	B - 2nd Design	N - Non-communicating	J - 1ph, 208-240/60	Design B - 2nd Design	factory heat with option code	
		M - Modulating	P - PSC	48 - 48,000 [14.07 kW]	21 - 21"	H - High Efficiency	P - Piston			D - 3ph, 480/60			
				60 - 60,000 [17.58 kW]	24 - 24.5"								

[] Designates Metric Conversions



Air

Model Number Identification
RP15 Series



INTEGRATED HOME COMFORT

Physical Data

Model No. #	RP1518B	RP1524B	RP1530B	RP1536A	RP1542A	RP1548A	RP1560A
Nominal Tonnage	1.5	2.0	2.5	3.0	3.5	4.0	5.0
Valve Connections							
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Refrigerant (R410A) furnished oz. ¹	99	105	116	118	139	188	217
Compressor Type	Scroll						
Outdoor Coil							
Net face area – Outer Coil ft ²	9.1	11.1	17.3	19.8	19.8	24.2	28.3
Net face area – Inner Coil	—	—	—	—	—	—	—
Tube diameter – in.	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Number of rows	1	1	1	1	1	1	1
Fins per inch	20	20	20	20	20	20	20
Outdoor Fan							
Diameter – in.	20	20	24	24	24	26	26
Number of blades	2	3	3	3	3	3	3
Motor hp	1/8	1/8	1/5	1/3	1/5	1/3	1/5
CFM	2411	2478	3850	3121	3815	4380	3655
RPM	1077	1075	825	910	825	870	850
watts	151	138	197	134	201	266	274
Shipping weight – lbs.	156	159	198	206	228	264	285
Operating weight – lbs.	149	152	191	199	221	257	278

Electrical Data

Line Voltage Data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Maximum overcurrent protection (amps) ²	20	25	25	35	40	40	50
Minimum circuit ampacity ³	12	15	18	23	24	26	31
Compressor							
Rated load amps	9	10.9	12.8	15.4	17.9	18.5	23.7
Locked rotor amps	47.5	62.9	67.8	83.9	112	124	152.5
Condenser Fan Motor							
Full load amps	0.7	0.7	1	2.8	1	2.8	1
Locked rotor amps	1.3	1.3	1.2	—	1.2	—	2.3
Line Voltage Data (Volts-Phase-Hz)	—	—	—	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Maximum overcurrent protection (amps) ²	—	—	—	25	30	30	35
Minimum circuit ampacity ³	—	—	—	16	18	21	21
Compressor							
Rated load amps	—	—	—	10.4	13.5	13.8	15.9
Locked rotor amps	—	—	—	73	88	83.1	110
Condenser Fan Motor							
Full load amps	—	—	—	2.8	1	2.8	1
Locked rotor amps	—	—	—	—	1.2	—	2.3

¹Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.

²HACR type circuit breaker or fuse.

³Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.



Accessories

Model No.		RP1518	RP1524	RP1530	RP1536	RP1542	RP1548	RP1560
Compressor crankcase heater		44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-45	Factory Standard	Factory Standard
Low ambient control		RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08
Compressor sound cover		68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-25	68-23427-25	68-23427-25
Compressor hard start kit		SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1
Low pressure control*		Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard
High pressure control*		Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD3T3TVLC	200RD3T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
	Bi-flow kit*	KS30387	KS30387	KS30387	KS30387	KS30387	KS30387	KS30387
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD3T3TVLC	200RD3T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V
	Bi-flow kit*	KS30387	KS30387	KS30387	KS30387	KS30387	KS30387	KS30387
Classic Top Cap w/Label		91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21
Heat Pump Riser – 6 inch		686020	686020	686020	686020	686020	686020	686020

*Bi-flow kits are required when installing a liquid line solenoid on a heat pump.

Weighted Sound Power Level (dBA)

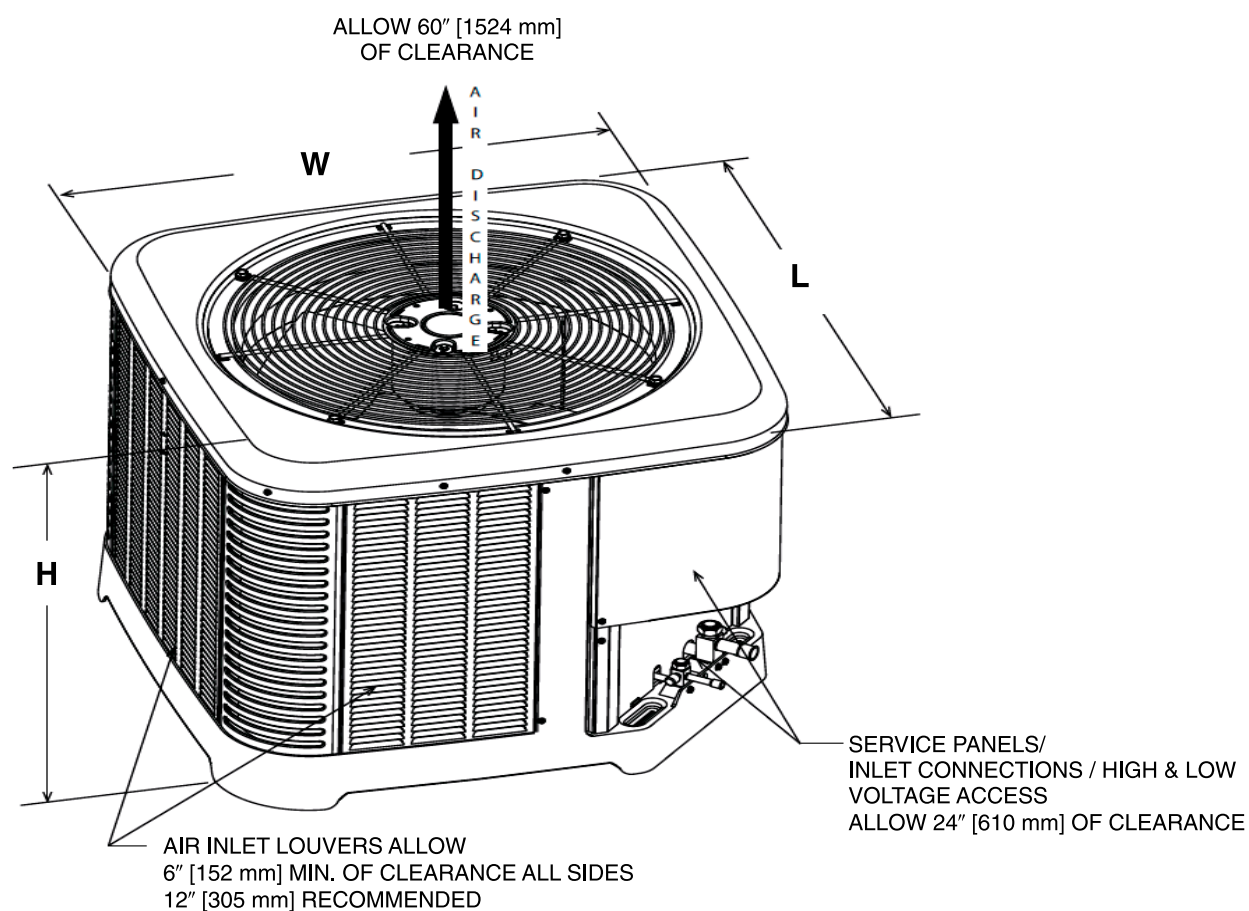
Unit Size – Voltage, Series	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
RP1518B	76.9	58.3	61.4	65.2	68.3	63.7	58.2	51
RP1524B	76.4	53.7	61.3	66.2	66.8	62.9	58	52
RP1530B	75.3	53.2	55.4	64.3	65.6	63.1	59.2	57
RP1536A	74.7	48.9	54.3	63.1	66.4	62.2	55.2	53.2
RP1542A	74.1	52.9	55.9	64	63.5	61.4	58	52.1
RP1548A	76.5	55.8	59	68.2	66.3	64.3	60.5	55.4
RP1560A	73.9	58.9	55.7	63.4	63.3	61.5	58.6	56.4

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)



Unit Dimensions

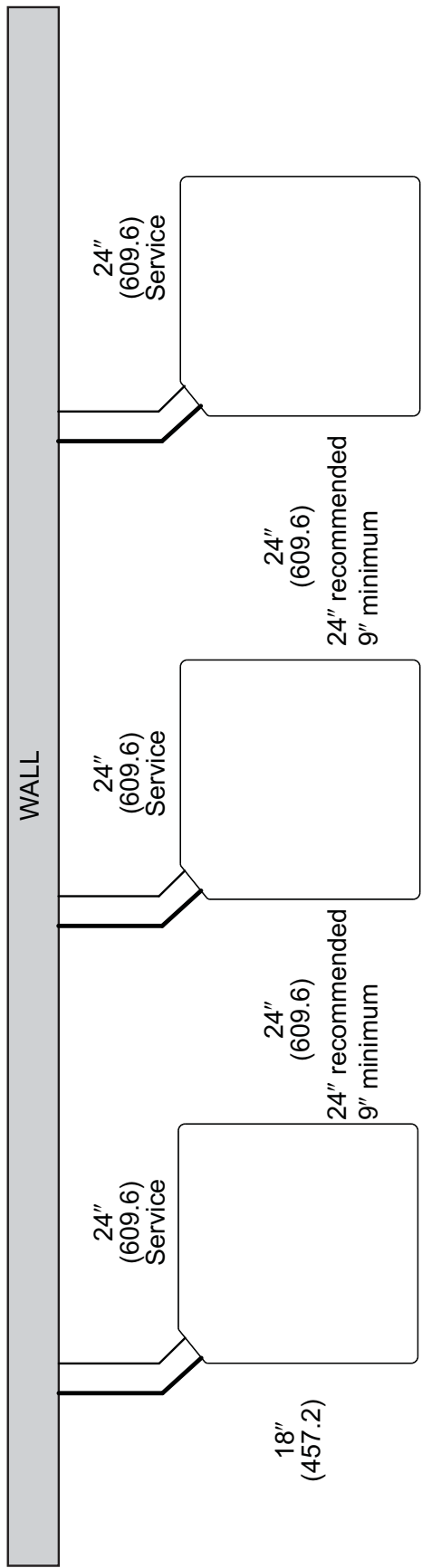
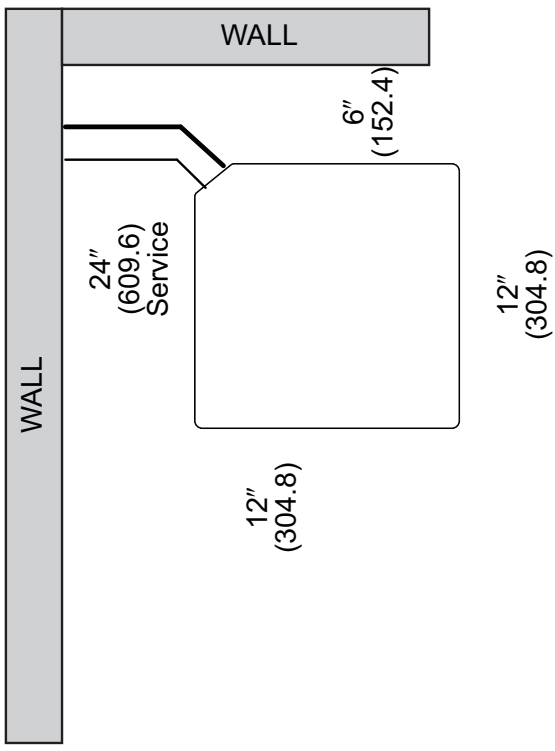
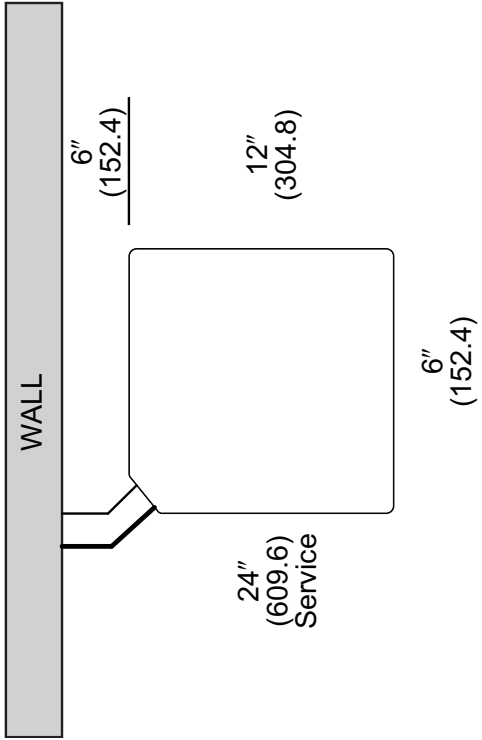
MODEL NUMBER	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
RP1518B	25	635	29.75	755	29.75	755	26.75	679	32.38	822	32.38	822
RP1524B	25	635	29.75	755	29.75	755	26.75	679	32.38	822	32.38	822
RP1530B	31	787	33.75	857	33.75	857	32.75	831	32.38	822	32.38	822
RP1536A	35	889	33.75	857	33.75	857	36.75	933	36.38	924	36.38	924
RP1542A	35	889	33.75	857	33.75	857	36.75	933	36.38	924	36.38	924
RP1548A	39	990	35.75	908	35.75	908	40.75	1035	38.38	974	38.38	974
RP1560A	45	1143	35.75	908	35.75	908	46.75	1187	38.38	974	38.38	974



[] Designates Metric Conversions

ST-A1226-02-00

CLEARANCES

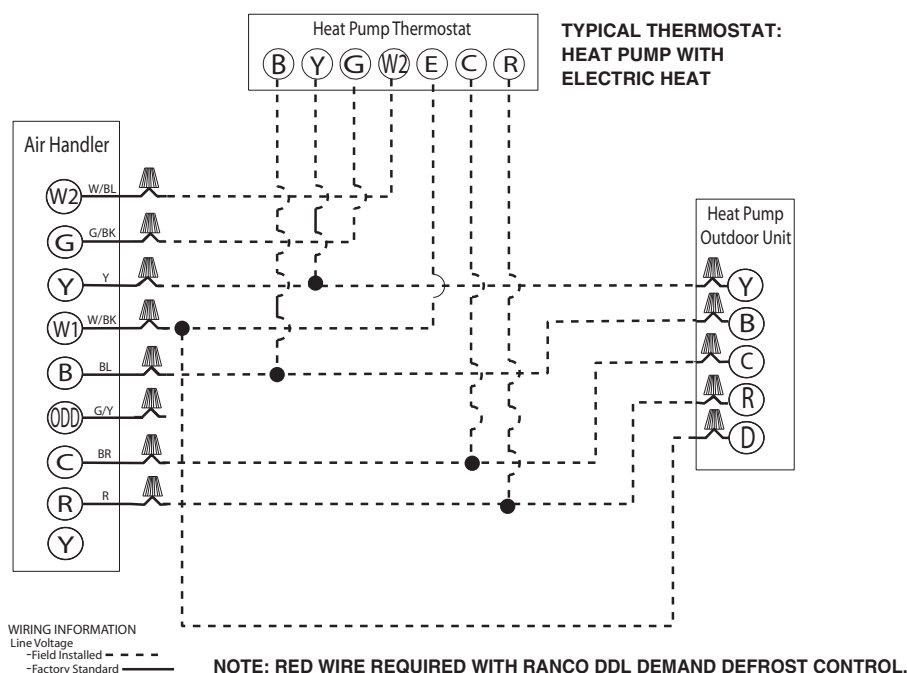


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 4
CONTROL WIRING FOR AIR HANDLER



**TYPICAL THERMOSTAT:
HEAT PUMP WITH
ELECTRIC HEAT**

NOTES:

1. Jumper "E" to "W2" to transfer control of supplemental heat to 1st stage when the emergency heat switch is on.
2. This wire turns on heat for defrost, omit for most economical operation.
3. Wire with colored tracing stripe.

Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01 -in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory – supplied filter drier must be installed.



Air

Table 2A: Refrigerant Line Sizing Chart (English Units)

14 - 15 SEER Single-Stage Heat Pumps														
Unit Size	Allowable Liquid Line Size	Allowable Vapor Line Size	Use Long Line Guidelines for Linear Line Lengths Greater Than Shown Below (Feet)	Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Feet)										
				Maximum Vertical Separation / Capacity Multiplier										
				(-)P14-A/B	(-)P14-F/P (-)P15	< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225
1.5 Ton *SEE NOTE 3	1/4"	5/8"	N/A	N/A	25 / 1.00	50 / 0.99	62 / 0.98	43 / 0.98	24 / 0.97	5 / 0.97	N/R	N/R	N/R	N/R
	5/16"	5/8"	140	140	25 / 1.00	50 / 0.99	75 / 0.98	98 / 0.98	93 / 0.97	88 / 0.97	83 / 0.96	78 / 0.96	73 / 0.95	68 / 0.94
	3/8"	5/8"	93	93	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	100 / 0.95	100 / 0.94
	1/4"	3/4**	N/A	N/A	25 / 1.00	50 / 1.00	62 / 0.99	43 / 0.99	24 / 0.99	5 / 0.99	N/R	N/R	N/R	N/R
	5/16"	3/4**	140	140	25 / 1.00	50 / 1.00	75 / 0.99	98 / 0.99	93 / 0.99	88 / 0.99	83 / 0.99	78 / 0.98	73 / 0.98	68 / 0.98
	3/8"	3/4**	93	93	25 / 1.00	50 / 1.00	75 / 1.00	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	100 / 0.98
2 Ton	1/4"	5/8"	N/A	N/A	25 / 0.99	50 / 0.98	21 / 0.97	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	5/16"	5/8"	170	123	25 / 0.99	50 / 0.98	75 / 0.97	87 / 0.96	77 / 0.95	69 / 0.94	61 / 0.93	53 / 0.92	45 / 0.91	37 / 0.90
	3/8"	5/8"	113	82	25 / 0.99	50 / 0.98	75 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	98 / 0.93	95 / 0.92	93 / 0.91	90 / 0.90
	1/4"	3/4"	N/A	N/A	25 / 1.00	50 / 1.00	21 / 0.99	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	5/16"	3/4"	170	123	25 / 1.00	50 / 1.00	75 / 0.99	87 / 0.99	77 / 0.98	69 / 0.98	61 / 0.98	53 / 0.97	45 / 0.97	37 / 0.96
	3/8"	3/4"	113	82	25 / 1.00	50 / 1.00	75 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	98 / 0.98	95 / 0.97	93 / 0.97	90 / 0.96
2.5 Ton	5/16"	5/8"	128	103	25 / 0.99	50 / 0.98	75 / 0.96	70 / 0.94	59 / 0.93	48 / 0.91	36 / 0.90	N/R	N/R	N/R
	3/8"	5/8"	85	68	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.94	98 / 0.93	94 / 0.91	90 / 0.90	N/R	N/R	N/R
	5/16"	3/4"	128	103	25 / 1.00	50 / 0.99	75 / 0.99	70 / 0.98	59 / 0.98	48 / 0.97	36 / 0.96	25 / 0.96	13 / 0.95	N/R
	3/8"	3/4"	85	68	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	98 / 0.98	94 / 0.97	90 / 0.96	86 / 0.96	82 / 0.95	78 / 0.95
	5/16"	5/8"	115	98	25 / 0.99	50 / 0.97	66 / 0.94	49 / 0.92	32 / 0.90	N/R	N/R	N/R	N/R	N/R
	3/8"	5/8"	77	65	25 / 0.99	50 / 0.97	75 / 0.94	95 / 0.92	89 / 0.90	N/R	N/R	N/R	N/R	N/R
3 Ton	5/16"	3/4"	115	98	25 / 1.00	50 / 0.99	66 / 0.98	49 / 0.98	32 / 0.97	15 / 0.96	N/R	N/R	N/R	N/R
	3/8"	3/4"	77	65	25 / 1.00	50 / 0.99	75 / 0.98	95 / 0.98	89 / 0.97	84 / 0.96	78 / 0.95	72 / 0.94	67 / 0.93	61 / 0.93
	1/2"	3/4"	38	33	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.98	100 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	100 / 0.93	100 / 0.93
	5/16"	7/8"	115	98	25 / 1.00	50 / 1.00	66 / 1.00	49 / 0.99	32 / 0.99	15 / 0.99	N/R	N/R	N/R	N/R
	3/8"	7/8"	77	65	25 / 1.00	50 / 1.00	75 / 1.00	95 / 0.99	89 / 0.99	84 / 0.99	78 / 0.98	72 / 0.98	67 / 0.98	61 / 0.97
	1/2"	7/8"	38	33	25 / 1.00	50 / 1.00	75 / 1.00	100 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.98	100 / 0.98	100 / 0.97
3.5 Ton	3/8"	3/4"	93	93	25 / 0.99	50 / 0.98	75 / 0.97	88 / 0.96	80 / 0.95	72 / 0.94	65 / 0.92	57 / 0.91	49 / 0.90	N/R
	1/2"	3/4"	47	47	25 / 0.99	50 / 0.98	75 / 0.97	100 / 0.96	100 / 0.95	100 / 0.94	100 / 0.92	100 / 0.91	100 / 0.90	N/R
	3/8"	7/8"	93	93	25 / 1.00	50 / 1.00	75 / 0.99	88 / 0.99	80 / 0.99	72 / 0.98	65 / 0.97	57 / 0.97	49 / 0.96	42 / 0.96
	1/2"	7/8"	47	47	25 / 1.00	50 / 1.00	75 / 0.99	100 / 0.99	100 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96

NOTES:

- Do not exceed 200 ft linear line length.
- Do not exceed 100 ft vertical separation between indoor and outdoor units.
- *3/4" vapor line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
- Always use the smallest liquid line allowable to minimize refrigerant charge.
- Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.





Table 2A: Refrigerant Line Sizing Chart (English Units) (con't.)

14 - 15 SEER Single-Stage Heat Pumps															
Unit Size	Allowable Liquid Line Size	Allowable Vapor Line Size	Use Long Line Guidelines for Linear Line Lengths Greater Than Shown Below (Feet)	Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Feet)											
				(-)P14-A/B	(-)P14-F/P (-)P15	Maximum Vertical Separation / Capacity Multiplier									
						< 25	26-50	51-75	76-100	101-125	126-150	151-175	176-200	201-225	226-250
4 Ton	3/8"	3/4"	87	0	25 / 0.99	50 / 0.98	75 / 0.96	77 / 0.95	67 / 0.93	57 / 0.92	46 / 0.91	N/R	N/R	N/R	
	1/2"	3/4"	42	0	25 / 0.99	50 / 0.98	75 / 0.96	100 / 0.95	100 / 0.93	100 / 0.92	100 / 0.91	N/R	N/R	N/R	
	3/8"	7/8"	87	0	25 / 1.00	50 / 0.99	75 / 0.99	77 / 0.98	67 / 0.97	57 / 0.97	46 / 0.96	36 / 0.96	26 / 0.95	15 / 0.95	
	1/2"	7/8"	42	0	25 / 1.00	50 / 0.99	75 / 0.99	100 / 0.98	100 / 0.97	100 / 0.97	100 / 0.96	100 / 0.96	99 / 0.95	97 / 0.95	
5 Ton	3/8"	3/4"	0	0	25 / 0.99	50 / 0.97	75 / 0.94	61 / 0.92	46 / 0.90	N/R	N/R	N/R	N/R	N/R	
	1/2"	3/4"	0	0	25 / 0.99	50 / 0.97	75 / 0.94	100 / 0.92	100 / 0.90	N/R	N/R	N/R	N/R	N/R	
	3/8"	7/8"	0	0	25 / 1.00	50 / 0.99	75 / 0.98	61 / 0.97	46 / 0.96	32 / 0.95	18 / 0.94	N/R	N/R	N/R	
	1/2"	7/8"	0	0	25 / 1.00	50 / 0.99	75 / 0.98	100 / 0.97	100 / 0.96	100 / 0.95	97 / 0.94	95 / 0.94	92 / 0.93	89 / 0.92	
	3/8"	1-1/8"	0	0	25 / 1.01	50 / 1.01	75 / 1.00	61 / 1.00	46 / 0.99	32 / 0.99	18 / 0.99	N/R	N/R	N/R	
	1/2"	1-1/8"	0	0	25 / 1.01	50 / 1.01	75 / 1.00	100 / 1.00	100 / 0.99	100 / 0.99	97 / 0.99	95 / 0.99	92 / 0.99	89 / 0.98	

NOTES:

- 1) Do not exceed 200 ft linear line length.
- 2) Do not exceed 100 ft vertical separation between indoor and outdoor units.
- 3) *3/4" vapor line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
- 4) Always use the smallest liquid line allowable to minimize refrigerant charge.
- 5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- 6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.





Air

Table 2B: Refrigerant Line Sizing Chart (Metric Units)

14 - 15 SEER Single-Stage Heat Pumps														
Unit Size	Allowable Liquid Line Size mm [in.]	Allowable Vapor Line Size mm [in.]	Use Long Line Guidelines for Linear Line Lengths Greater Than Shown Below (Feet)	Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Meters)										
				Maximum Vertical Separation / Capacity Multiplier										
				(-)P14-A/B	(-)P14-F/P (-)P15	< 8	8-15	16-23	24-30	31-38	39-46	47-53	54-61	62-69
5.3 kW [1.5 Ton] *SEE NOTE 3	6.35 [1/4]	15.88 [5/8]	N/A	N/A	8 / 1.00	15 / 0.99	19 / 0.98	13 / 0.98	7 / 0.97	2 / 0.97	N/R	N/R	N/R	N/R
	7.94 [5/16]	15.88 [5/8]	43	43	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	28 / 0.97	27 / 0.97	25 / 0.96	24 / 0.96	22 / 0.95	21 / 0.94
	9.53 [3/8]	15.88 [5/8]	28	28	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.94
	6.35 [1/4]	19.05 [3/4]*	N/A	N/A	8 / 1.00	15 / 1.00	19 / 0.99	13 / 0.99	7 / 0.99	2 / 0.99	N/R	N/R	N/R	N/R
	7.94 [5/16]	19.05 [3/4]*	43	43	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	28 / 0.99	27 / 0.99	25 / 0.99	24 / 0.98	22 / 0.98	21 / 0.98
7.0 kW [2 Ton]	9.53 [3/8]	19.05 [3/4]*	28	28	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98
	6.35 [1/4]	15.88 [5/8]	N/A	N/A	8 / 0.99	15 / 0.98	6 / 0.97	N/R	N/R	N/R	N/R	N/R	N/R	N/R
	7.94 [5/16]	15.88 [5/8]	52	37	8 / 0.99	15 / 0.98	23 / 0.97	27 / 0.96	23 / 0.95	21 / 0.94	19 / 0.93	16 / 0.92	14 / 0.91	11 / 0.90
	9.53 [3/8]	15.88 [5/8]	35	25	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.93	29 / 0.92	28 / 0.91	27 / 0.90
	6.35 [1/4]	19.05 [3/4]	N/A	N/A	8 / 1.00	15 / 1.00	6 / 0.99	N/R	N/R	N/R	N/R	N/R	N/R	N/R
8.8 kW [2.5 Ton]	7.94 [5/16]	19.05 [3/4]	52	37	8 / 1.00	15 / 1.00	23 / 0.99	27 / 0.99	23 / 0.98	21 / 0.98	19 / 0.98	16 / 0.97	14 / 0.97	11 / 0.96
	9.53 [3/8]	19.05 [3/4]	35	25	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98	29 / 0.97	28 / 0.97	27 / 0.96
	7.94 [5/16]	15.88 [5/8]	39	31	8 / 0.99	15 / 0.98	23 / 0.96	21 / 0.94	18 / 0.93	15 / 0.91	11 / 0.90	N/R	N/R	N/R
	9.53 [3/8]	15.88 [5/8]	26	21	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.94	30 / 0.93	29 / 0.91	27 / 0.90	N/R	N/R	N/R
	7.94 [5/16]	19.05 [3/4]	39	31	8 / 1.00	15 / 0.99	23 / 0.99	21 / 0.98	18 / 0.98	15 / 0.97	11 / 0.96	8 / 0.96	4 / 0.95	N/R
10.6 kW [3 Ton]	9.53 [3/8]	19.05 [3/4]	26	21	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.98	29 / 0.97	27 / 0.96	26 / 0.96	25 / 0.95	24 / 0.95
	7.94 [5/16]	15.88 [5/8]	35	30	8 / 0.99	15 / 0.97	20 / 0.94	15 / 0.92	10 / 0.90	N/R	N/R	N/R	N/R	N/R
	9.53 [3/8]	15.88 [5/8]	23	20	8 / 0.99	15 / 0.97	23 / 0.94	29 / 0.92	27 / 0.90	N/R	N/R	N/R	N/R	N/R
	7.94 [5/16]	19.05 [3/4]	35	30	8 / 1.00	15 / 0.99	20 / 0.98	15 / 0.98	10 / 0.97	5 / 0.96	N/R	N/R	N/R	N/R
	9.53 [3/8]	19.05 [3/4]	23	20	8 / 1.00	15 / 0.99	23 / 0.98	29 / 0.98	27 / 0.97	26 / 0.96	24 / 0.95	22 / 0.94	20 / 0.93	19 / 0.93
12.3 kW [3.5 Ton]	12.7 [1/2]	19.05 [3/4]	12	10	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.98	30 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.93	30 / 0.93
	7.94 [5/16]	22.23 [7/8]	35	30	8 / 1.00	15 / 1.00	20 / 1.00	15 / 0.99	10 / 0.99	5 / 0.99	N/R	N/R	N/R	N/R
	9.53 [3/8]	22.23 [7/8]	23	20	8 / 1.00	15 / 1.00	23 / 1.00	29 / 0.99	27 / 0.99	26 / 0.99	24 / 0.98	22 / 0.98	20 / 0.98	19 / 0.97
	12.7 [1/2]	22.23 [7/8]	12	10	8 / 1.00	15 / 1.00	23 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.98	30 / 0.98	30 / 0.97
	9.53 [3/8]	19.05 [3/4]	28	28	8 / 0.99	15 / 0.98	23 / 0.97	27 / 0.96	24 / 0.95	22 / 0.94	20 / 0.92	17 / 0.91	15 / 0.90	N/R
12.3 kW [3.5 Ton]	12.7 [1/2]	19.05 [3/4]	14	14	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	30 / 0.92	30 / 0.91	30 / 0.90	N/R
	9.53 [3/8]	22.23 [7/8]	28	28	8 / 1.00	15 / 1.00	23 / 0.99	27 / 0.99	24 / 0.99	22 / 0.98	20 / 0.97	17 / 0.97	15 / 0.96	13 / 0.96
12.3 kW [3.5 Ton]	12.7 [1/2]	22.23 [7/8]	14	14	8 / 1.00	15 / 1.00	23 / 0.99	30 / 0.99	30 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96

NOTES:

- Do not exceed 61 meters linear line length.
- Do not exceed 30 meters vertical separation between indoor and outdoor units.
- * 19.05 mm [3/4"] vapor line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
- Always use the smallest liquid line allowable to minimize refrigerant charge.
- Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.



Table 2B: Refrigerant Line Sizing Chart (Metric Units) (con't.)

14 - 15 SEER Single-Stage Heat Pumps														
Unit Size	Allowable Liquid Line Size mm [in.]	Allowable Vapor Line Size mm [in.]	Use Long Line Guidelines for Linear Line Lengths Greater Than Shown Below (Feet)	Outdoor Unit ABOVE or BELOW Indoor Unit Equivalent Length (Meters)										
				Maximum Vertical Separation / Capacity Multiplier										
				(-)P14-A/B	(-)P14-F/P (-)P15	< 8	8-15	16-23	24-30	31-38	39-46	47-53	54-61	62-69
14.1 kW [4 Ton]	9.53 [3/8]	19.05 [3/4]	26	0	8 / 0.99	15 / 0.98	23 / 0.96	24 / 0.95	20 / 0.93	17 / 0.92	14 / 0.91	N/R	N/R	N/R
	12.7 [1/2]	19.05 [3/4]	13	0	8 / 0.99	15 / 0.98	23 / 0.96	30 / 0.95	30 / 0.93	30 / 0.92	30 / 0.91	N/R	N/R	N/R
	9.53 [3/8]	22.23 [7/8]	26	0	8 / 1.00	15 / 0.99	23 / 0.99	24 / 0.98	20 / 0.97	17 / 0.97	14 / 0.96	11 / 0.96	8 / 0.95	5 / 0.95
	12.7 [1/2]	22.23 [7/8]	13	0	8 / 1.00	15 / 0.99	23 / 0.99	30 / 0.98	30 / 0.97	30 / 0.97	30 / 0.96	30 / 0.96	30 / 0.95	30 / 0.95
17.6 kW [5 Ton]	9.53 [3/8]	19.05 [3/4]	0	0	8 / 0.99	15 / 0.97	23 / 0.94	19 / 0.92	14 / 0.90	N/R	N/R	N/R	N/R	N/R
	12.7 [1/2]	19.05 [3/4]	0	0	8 / 0.99	15 / 0.97	23 / 0.94	30 / 0.92	30 / 0.90	N/R	N/R	N/R	N/R	N/R
	9.53 [3/8]	22.23 [7/8]	0	0	8 / 1.00	15 / 0.99	23 / 0.98	19 / 0.97	14 / 0.96	10 / 0.95	5 / 0.94	N/R	N/R	N/R
	12.7 [1/2]	22.23 [7/8]	0	0	8 / 1.00	15 / 0.99	23 / 0.98	30 / 0.97	30 / 0.96	30 / 0.95	30 / 0.94	29 / 0.94	28 / 0.93	27 / 0.92
	9.53 [3/8]	28.58 [1-1/8]	0	0	8 / 1.01	15 / 1.01	23 / 1.00	19 / 1.00	14 / 0.99	10 / 0.99	5 / 0.99	N/R	N/R	N/R
	12.7 [1/2]	28.58 [1-1/8]	0	0	8 / 1.01	15 / 1.01	23 / 1.00	30 / 1.00	30 / 0.99	30 / 0.99	30 / 0.99	29 / 0.99	28 / 0.99	27 / 0.98

NOTES:

- 1) Do not exceed 61 meters linear line length.
- 2) Do not exceed 30 meters vertical separation between indoor and outdoor units.
- 3) *19.05 mm [3/4"] vapor line should only be used for 1.5 ton systems if outdoor unit is below or at same level as indoor unit to assure proper oil return.
- 4) Always use the smallest liquid line allowable to minimize refrigerant charge.
- 5) Applications shaded in light gray indicate capacity multipliers between 0.90 and 0.96 which are not recommended, but are allowed.
- 6) Applications shaded in dark gray are not recommended due to excessive liquid or suction pressure drop.

Performance Data @ AHRI Standard Conditions – Heat Pump

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

Tested Combination												
Outdoor Unit	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	RH1T2417STAN	18500 [5.4]	13100 [3.8]	5400 [1.6]	16.00	13.00	650 [305.5]	15700 [4.6]	3.60	9100 [2.7]	2.40	9.00
RP1524BJ1	RH1T2417STAN	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	13.00	800 [376.0]	22000 [6.4]	3.70	13500 [4.0]	2.50	9.00
RP1530BJ1	RH1T3617STAN	29400 [8.6]	20800 [6.1]	8600 [2.5]	15.50	13.00	1025 [481.8]	27000 [7.9]	3.70	16600 [4.9]	2.40	9.00
RP1536AJ1	RH1T3617STAN	35600 [10.4]	25100 [7.4]	10500 [3.1]	15.00	12.50	1175 [552.3]	33800 [9.9]	3.66	22200 [6.5]	2.66	9.00
RP1542AC1	RH1T4821STAN	42500 [12.5]	30000 [8.8]	12500 [3.7]	15.00	12.50	1350 [634.5]	40000 [11.7]	3.76	25600 [7.5]	2.60	9.00
RP1542AJ1	RH1T4821STAN	42500 [12.5]	30000 [8.8]	12500 [3.7]	15.00	12.50	1350 [634.5]	40000 [11.7]	3.76	25600 [7.5]	2.60	9.00
RP1548AC1	RH1T4821STAN	47000 [13.8]	33200 [9.7]	13800 [4.0]	15.00	12.50	1500 [705.0]	44500 [13.0]	3.66	28800 [8.4]	2.60	9.00
RP1548AJ1	RH1T4821STAN	47000 [13.8]	33200 [9.7]	13800 [4.0]	15.00	12.50	1500 [705.0]	44500 [13.0]	3.66	28800 [8.4]	2.60	9.00
RP1560AC1	RH1T6024STAN	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1775 [834.3]	56000 [16.4]	3.76	35600 [10.4]	2.66	9.00
RP1560AJ1	RH1T6024STAN	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1775 [834.3]	56000 [16.4]	3.76	35600 [10.4]	2.66	9.00

Coil-Only Ratings												
Outdoor Unit	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	RCF2417STA+RXMD-C04	18000 [5.3]	12700 [3.7]	5300 [1.6]	14.00	11.50	650 [305.5]	17000 [5.0]	3.50	10500 [3.1]	2.40	8.25
RP1524BJ1	RCF2417STA+RXMD-C04	23400 [6.9]	16500 [4.8]	6900 [2.0]	14.00	11.50	800 [376.0]	23200 [6.8]	3.50	14700 [4.3]	2.46	8.50
RP1530BJ1	RCF3617STA+RXMD-C04	28600 [8.4]	20200 [5.9]	8400 [2.5]	14.00	11.50	1050 [493.5]	28400 [8.3]	3.54	18200 [5.3]	2.40	9.00
RP1536AJ1	RCF3621STA+RXMD-C04	28600 [8.4]	20200 [5.9]	8400 [2.5]	14.00	11.50	1050 [493.5]	28600 [8.4]	3.60	18200 [5.3]	2.40	9.00
RP1536AC1	RCF3617STAM+RXMD-C04	34400 [10.1]	24300 [7.1]	10100 [3.0]	14.00	11.50	1075 [505.3]	33000 [9.7]	3.34	22000 [6.4]	2.46	8.20
RP1536AJ1	RCF3621STA+RXMD-C04	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1150 [540.5]	35200 [10.3]	3.54	23600 [6.9]	2.60	8.20
RP1536AJ1	RCF3617STAM+RXMD-C04	34400 [10.1]	24300 [7.1]	10100 [3.0]	14.00	11.50	1075 [505.3]	33000 [9.7]	3.34	22000 [6.4]	2.46	8.50
RP1542AC1	RCF3621STA+RXMD-C04	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1150 [540.5]	35200 [10.3]	3.54	23600 [6.9]	2.60	9.00
RP1542AC1	RCF4821STAM+RXMD-C04	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1350 [634.5]	40000 [11.7]	3.50	25800 [7.6]	2.46	8.50
RP1542AJ1	RCF4824STAM+RXMD-C04	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1350 [634.5]	39500 [11.6]	3.46	25600 [7.5]	2.46	8.50
RP1542AJ1	RCF4821STAM+RXMD-C04	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1350 [634.5]	40000 [11.7]	3.50	25800 [7.6]	2.46	8.50
RP1548AC1	RCF4824STAM+RXMD-C04	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1350 [634.5]	39500 [11.6]	3.46	25600 [7.5]	2.46	8.50
RP1548AJ1	RCF4821STA+RXMD-C04	44500 [13.0]	31400 [9.2]	13100 [3.8]	14.00	11.50	1375 [646.3]	46500 [13.6]	3.60	30600 [9.0]	2.60	9.00
RP1548AJ1	RCF4824STA+RXMD-C04	44500 [13.0]	31400 [9.2]	13100 [3.8]	14.00	11.50	1375 [646.3]	46500 [13.6]	3.60	30600 [9.0]	2.60	9.00
RP1548AJ1	RCF4821STAM+RXMD-C04	44500 [13.0]	31400 [9.2]	13100 [3.8]	14.00	11.50	1375 [646.3]	46500 [13.6]	3.60	30600 [9.0]	2.60	9.00
RP1560AC1	RCF6024HTAM+RXMD-C04	56500 [16.6]	39900 [11.7]	16600 [4.9]	14.00	11.50	1600 [752.0]	56000 [16.4]	3.60	35600 [10.4]	2.54	8.50
RP1560AC1	RCF6024STAM+RXMD-C04	56500 [16.6]	39900 [11.7]	16600 [4.9]	14.00	11.50	1600 [752.0]	56000 [16.4]	3.60	35600 [10.4]	2.54	8.50
RP1560AJ1	RCF6024HTAM+RXMD-C04	56500 [16.6]	39900 [11.7]	16600 [4.9]	14.00	11.50	1600 [752.0]	56000 [16.4]	3.60	35600 [10.4]	2.54	8.50
RP1560AJ1	RCF6024STAM+RXMD-C04	56500 [16.6]	39900 [11.7]	16600 [4.9]	14.00	11.50	1600 [752.0]	56000 [16.4]	3.60	35600 [10.4]	2.54	8.50

[] Designates Metric Conversions



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R801T: Classic Plus Single-Stage 80% AFUE Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	R801TA050314M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	625 [293.8]	15500 [4.5]	3.60	9000 [2.6]	2.34	8.25
	R801TA075317Z	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	575 [270.3]	15500 [4.5]	3.60	9200 [2.7]	2.40	8.25
	R801TA050314M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	13.00	825 [387.8]	22000 [6.4]	3.66	13500 [4.0]	2.46	9.00
	R801TA075317Z	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	12.50	850 [399.5]	22000 [6.4]	3.66	13600 [4.0]	2.46	9.00
RP1530BJ1	R801TA050314M	RCF3617STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.00	12.50	1000 [470.0]	27200 [8.0]	3.66	16700 [4.9]	2.34	9.00
	R801TA075317Z	RCF3617STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1050 [493.5]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
	R801TA050314M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1050 [493.5]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
	R801TA075417M	RCF3617STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.50	13.00	975 [458.3]	27000 [7.9]	3.70	16600 [4.9]	2.34	9.00
RP1536AC1	R801TA050314M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1000 [470.0]	27000 [7.9]	3.70	16700 [4.9]	2.40	9.00
	R801TA075421M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1000 [470.0]	27000 [7.9]	3.76	16700 [4.9]	2.40	9.00
	R801TA075521Z	RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.50	13.00	950 [446.5]	27000 [7.9]	3.76	16500 [4.8]	2.40	9.00
	R801TA100521M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1000 [470.0]	27000 [7.9]	3.76	16600 [4.9]	2.40	9.00
RP1536AJ1	R801TA050314M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.60	22400 [6.6]	2.60	8.20
	R801TA075317Z	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22600 [6.6]	2.60	8.20
	R801TA075417M	RCF3617STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	8.20
	R801TA075421M	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
RP1542AC1	R801TA075521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.00	11.50	1150 [540.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	8.20
	R801TA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.00	11.50	1175 [552.3]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
	R801TA050314M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.50	12.00	1175 [552.3]	34200 [10.0]	3.60	22400 [6.6]	2.60	9.00
	R801TA075317Z	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22600 [6.6]	2.60	9.00
RP1536A1	R801TA075417M	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
	R801TA075421M	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1150 [540.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
	R801TA075521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1150 [540.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R801TA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1175 [552.3]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
RP1542A1	R801TA075317Z	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
	R801TA075417M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1275 [599.3]	40000 [11.7]	3.76	25600 [7.5]	2.60	9.00
	R801TA075421M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40500 [11.9]	3.70	25800 [7.6]	2.60	9.00
	R801TA075521Z	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40500 [11.9]	3.70	25800 [7.6]	2.60	9.00
RP1542A1	R801TA075521Z	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25200 [7.4]	2.60	9.00
	R801TA075521Z	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25200 [7.4]	2.60	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R801T: Classic Plus Single-Stage 80% AFUE Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1542AC1	R801TA100521M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40000 [11.7]	3.76	25600 [7.5]	2.60	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40000 [11.7]	3.76	25600 [7.5]	2.60	9.00
	R801TA100521Z	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.76	25200 [7.4]	2.60	9.00
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.76	25200 [7.4]	2.60	9.00
	R801TA125524M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1350 [634.5]	40000 [11.7]	3.80	25600 [7.5]	2.66	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	R801TA075317Z	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1275 [599.3]	40000 [11.7]	3.76	25600 [7.5]	2.60	9.00
RP1542AJ1	R801TA075417M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40500 [11.9]	3.70	25800 [7.6]	2.60	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40500 [11.9]	3.70	25800 [7.6]	2.60	9.00
	R801TA075421M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40500 [11.9]	3.70	25800 [7.6]	2.60	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1400 [658.0]	40500 [11.9]	3.70	25800 [7.6]	2.60	9.00
	R801TA075521Z	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25200 [7.4]	2.60	9.00
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25200 [7.4]	2.60	9.00
	R801TA125524M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1350 [634.5]	40000 [11.7]	3.80	25600 [7.5]	2.66	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
RP1548AC1	R801TA075417M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1425 [669.8]	45000 [13.2]	3.60	29000 [8.5]	2.54	9.00
		RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
	R801TA075421M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
		RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28800 [8.4]	2.54	9.00
	R801TA075521Z	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28800 [8.4]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28800 [8.4]	2.54	9.00
	R801TA100521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1375 [646.3]	44500 [13.0]	3.70	28400 [8.3]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1375 [646.3]	44500 [13.0]	3.70	28400 [8.3]	2.54	9.00
RP1548AJ1	R801TA100521Z	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
	R801TA125524M	RCF4824STA	47000 [13.8]	33200 [9.7]	13800 [4.0]	15.00	12.50	1600 [752.0]	45000 [13.2]	3.60	29200 [8.6]	2.54	9.00
		RCF4824STA	47000 [13.8]	33200 [9.7]	13800 [4.0]	14.00	11.50	1625 [763.8]	45000 [13.2]	3.54	29600 [8.7]	2.50	9.00
	R801TA075417M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1425 [669.8]	45000 [13.2]	3.60	29000 [8.5]	2.54	9.00
		RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
	R801TA075421M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R801T: Classic Plus Single-Stage 80% AFUE Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1548AJ1	R801TA100521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1375 [646.3]	44500 [13.0]	3.70	28400 [8.3]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1375 [646.3]	44500 [13.0]	3.70	28400 [8.3]	2.54	9.00
		RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	44500 [13.0]	3.66	28600 [8.4]	2.54	9.00
	R801TA125524M	RCF4824STA	47000 [13.8]	33200 [9.7]	13800 [4.0]	15.00	12.50	1600 [752.0]	45000 [13.2]	3.60	29200 [8.6]	2.54	9.00
		RCF4824STA	47000 [13.8]	33200 [9.7]	13800 [4.0]	14.00	11.50	1625 [763.8]	45000 [13.2]	3.54	29600 [8.7]	2.50	9.00
		RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1650 [775.5]	55500 [16.3]	3.70	35200 [10.3]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1650 [775.5]	55500 [16.3]	3.70	35200 [10.3]	2.60	9.00
RP1560AC1	R801TA075521Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.70	35800 [10.5]	2.54	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.70	35800 [10.5]	2.54	9.00
	R801TA100521M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1825 [857.8]	56500 [16.6]	3.76	36000 [10.6]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1825 [857.8]	56500 [16.6]	3.76	36000 [10.6]	2.66	9.00
		RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	9.00
	R801TA125524M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1750 [822.5]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1750 [822.5]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00
RP1560AJ1	R801TA125524Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1675 [787.3]	56000 [16.4]	3.76	35400 [10.4]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1675 [787.3]	56000 [16.4]	3.76	35400 [10.4]	2.60	9.00
	R801TA075421M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1650 [775.5]	55500 [16.3]	3.70	35200 [10.3]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1650 [775.5]	55500 [16.3]	3.70	35200 [10.3]	2.60	9.00
	R801TA075521Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.70	35800 [10.5]	2.54	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.70	35800 [10.5]	2.54	9.00
	R801TA100521M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1825 [857.8]	56500 [16.6]	3.76	36000 [10.6]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1825 [857.8]	56500 [16.6]	3.76	36000 [10.6]	2.66	9.00
R801TA100521Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	9.00	
	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	9.00	
R801TA125524M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1750 [822.5]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00	
	RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1750 [822.5]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00	
R801TA125524Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1675 [787.3]	56000 [16.4]	3.76	35400 [10.4]	2.60	9.00	
	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1675 [787.3]	56000 [16.4]	3.76	35400 [10.4]	2.60	9.00	

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R802V: Prestige 2-Stage 80% ECM Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	R802VA050317M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
	R802VA075317Z	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	675 [317.3]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
RP1524BJ1	R802VA050317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	825 [387.8]	22000 [6.4]	3.66	13500 [4.0]	2.46	9.00
	R802VA075317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	13.00	875 [411.3]	22000 [6.4]	3.66	13600 [4.0]	2.46	9.00
	R802VA075317Z	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	13.00	800 [376.0]	22000 [6.4]	3.66	13500 [4.0]	2.50	9.00
	R802VA050317M	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	27000 [7.9]	3.54	16600 [4.9]	2.30	8.50
	R802VA075317M	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.60	16500 [4.8]	2.30	8.50
	R802VA075317M	RCF3617STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1025 [481.8]	27200 [8.0]	3.70	16700 [4.9]	2.34	9.00
	R802VA075317M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1025 [481.8]	27000 [7.9]	3.70	16600 [4.9]	2.34	9.00
	R802VA075317Z	RCF3617STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1050 [493.5]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
RP1530BJ1	R802VA075317Z	RCF3621STA	29400 [8.6]	20800 [6.1]	8600 [2.5]	15.00	12.50	1100 [517.0]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
	R802VA075421M	RCF3621STA	29600 [8.7]	20900 [6.1]	8700 [2.5]	15.50	13.00	1100 [517.0]	27000 [7.9]	3.70	16700 [4.9]	2.40	9.00
	R802VA075421Z	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1025 [481.8]	27000 [7.9]	3.70	16600 [4.9]	2.34	9.00
	R802VA100521M	RCF3621STA	29400 [8.6]	20800 [6.1]	8600 [2.5]	16.00	13.00	1025 [481.8]	26800 [7.9]	3.76	16400 [4.8]	2.40	9.00
	R802VA100521Z	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.50	13.00	1050 [493.5]	27000 [7.9]	3.70	16700 [4.9]	2.40	9.00
	R802VA050317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.54	22600 [6.6]	2.54	8.20
	R802VA075317M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	8.20
	R802VA075317M	RCF3617STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.00	11.50	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	8.20
RP1536AC1	R802VA075317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1075 [505.3]	33000 [9.7]	3.60	21600 [6.3]	2.54	8.20
	R802VA075421M	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	8.20
	R802VA075317Z	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	8.20
	R802VA075421M	RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	14.00	11.50	1250 [587.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	8.20
	R802VA075421Z	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1250 [587.5]	34000 [10.0]	3.60	22600 [6.6]	2.66	8.20
	R802VA100521M	RCF3621STA	36000 [10.6]	25400 [7.4]	10600 [3.1]	14.00	11.50	1350 [634.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	8.20
	R802VA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.00	11.50	1150 [540.5]	33600 [9.8]	3.66	22000 [6.4]	2.60	8.20
	R802VA050317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.54	22600 [6.6]	2.54	9.00
	R802VA050317M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	9.00
	R802VA075317M	RCF3617STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.50	12.00	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
	R802VA075317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	15.00	12.50	1075 [505.3]	33000 [9.7]	3.60	21600 [6.3]	2.54	9.00
	R802VA075317Z	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
RP1536AJ1	R802VA075317Z	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075421M	RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	15.00	12.50	1250 [587.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA075421Z	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1250 [587.5]	34000 [10.0]	3.60	22600 [6.6]	2.66	9.00
	R802VA100521M	RCF3621STA	36000 [10.6]	25400 [7.4]	10600 [3.1]	15.00	12.50	1350 [634.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1150 [540.5]	33600 [9.8]	3.66	22000 [6.4]	2.60	9.00
	R802VA050317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.54	22600 [6.6]	2.54	9.00
	R802VA050317M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	9.00
	R802VA075317M	RCF3617STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.50	12.00	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
	R802VA075317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	15.00	12.50	1075 [505.3]	33000 [9.7]	3.60	21600 [6.3]	2.54	9.00
	R802VA075317Z	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075317Z	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075421M	RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	15.00	12.50	1250 [587.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA075421Z	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1250 [587.5]	34000 [10.0]	3.60	22600 [6.6]	2.66	9.00
	R802VA100521M	RCF3621STA	36000 [10.6]	25400 [7.4]	10600 [3.1]	15.00	12.50	1350 [634.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1150 [540.5]	33600 [9.8]	3.66	22000 [6.4]	2.60	9.00
	R802VA050317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.54	22600 [6.6]	2.54	9.00
	R802VA050317M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	9.00
	R802VA075317M	RCF3617STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.50	12.00	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
	R802VA075317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	15.00	12.50	1075 [505.3]	33000 [9.7]	3.60	21600 [6.3]	2.54	9.00
	R802VA075317Z	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075317Z	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075421M	RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	15.00	12.50	1250 [587.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA075421Z	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1250 [587.5]	34000 [10.0]	3.60	22600 [6.6]	2.66	9.00
	R802VA100521M	RCF3621STA	36000 [10.6]	25400 [7.4]	10600 [3.1]	15.00	12.50	1350 [634.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1150 [540.5]	33600 [9.8]	3.66	22000 [6.4]	2.60	9.00
	R802VA050317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.54	22600 [6.6]	2.54	9.00
	R802VA050317M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	9.00
	R802VA075317M	RCF3617STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	14.50	12.00	1225 [575.8]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
	R802VA075317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	15.00	12.50	1075 [505.3]	33000 [9.7]	3.60	21600 [6.3]	2.54	9.00
	R802VA075317Z	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075317Z	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1100 [517.0]	33400 [9.8]	3.54	22000 [6.4]	2.54	9.00
	R802VA075421M	RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	15.00	12.50	1250 [587.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA075421Z	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1250 [587.5]	34000 [10.0]	3.60	22600 [6.6]	2.66	9.00
	R802VA100521M	RCF3621STA	36000 [10.6]	25400 [7.4]	10600 [3.1]	15.00	12.50	1350 [634.5]	33800 [9.9]	3.66	22400 [6.6]	2.66	9.00
	R802VA100521Z	RCF3621STA	35400 [10.4]	25000 [7.3]	10400 [3.0]	15.00	12.50	1150 [540.5]	33600 [9.8]	3.66	22000 [6.4]	2.60	9.00
	R802VA050317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1175 [552.3]	34200 [10.0]	3.54	22600 [6.6]	2.54	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R802V: Prestige 2-Stage 80% ECM Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1542AC1	R802VA050317M	RCF4821STA	41000 [12.0]	28900 [8.5]	12100 [3.5]	14.00	11.50	1225 [575.8]	39500 [11.6]	3.60	25400 [7.4]	2.50	9.00
	R802VA075317M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39000 [11.4]	3.66	25200 [7.4]	2.54	9.00
	R802VA075317Z	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1325 [622.8]	40500 [11.9]	3.70	26000 [7.6]	2.54	9.00
	R802VA075421M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	15.00	12.50	1225 [575.8]	39000 [11.4]	3.70	25000 [7.3]	2.54	9.00
	R802VA075421Z	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	15.00	12.50	1225 [575.8]	39000 [11.4]	3.70	25000 [7.3]	2.54	9.00
	R802VA100521M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1300 [611.0]	40000 [11.7]	3.70	25600 [7.5]	2.54	9.00
	R802VA100521Z	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1300 [611.0]	40000 [11.7]	3.70	25600 [7.5]	2.54	9.00
	R802VA125524M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1400 [658.0]	40000 [11.7]	3.80	26000 [7.6]	2.60	9.00
	R802VA125524Z	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1400 [658.0]	40000 [11.7]	3.80	26000 [7.6]	2.60	9.00
	R802VA050317M	RCF4821STA	41000 [12.0]	28900 [8.5]	12100 [3.5]	14.00	11.50	1225 [575.8]	39500 [11.6]	3.60	25400 [7.4]	2.50	9.00
	R802VA075317M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39000 [11.4]	3.66	25200 [7.4]	2.54	9.00
	R802VA075317Z	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1325 [622.8]	40500 [11.9]	3.70	26000 [7.6]	2.54	9.00
RP1542AJ1	R802VA075421M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	15.00	12.50	1225 [575.8]	39000 [11.4]	3.70	25000 [7.3]	2.54	9.00
	R802VA075421M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	15.00	12.50	1225 [575.8]	39000 [11.4]	3.70	25000 [7.3]	2.54	9.00
	R802VA075421Z	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1300 [611.0]	40000 [11.7]	3.70	25600 [7.5]	2.54	9.00
	R802VA075421Z	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1300 [611.0]	40000 [11.7]	3.70	25600 [7.5]	2.54	9.00
	R802VA100521M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1350 [634.5]	40000 [11.7]	3.80	25400 [7.4]	2.66	9.00
	R802VA100521M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1350 [634.5]	40000 [11.7]	3.80	25400 [7.4]	2.66	9.00
	R802VA100521Z	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40500 [11.9]	3.70	26000 [7.6]	2.60	9.00
	R802VA100521Z	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40500 [11.9]	3.70	26000 [7.6]	2.60	9.00
	R802VA125524M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1400 [658.0]	40000 [11.7]	3.80	25600 [7.5]	2.66	9.00
	R802VA125524Z	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	15.00	12.50	1400 [658.0]	40000 [11.7]	3.80	25600 [7.5]	2.66	9.00
	R802VA075421M	RCF4821STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1475 [693.3]	44500 [13.0]	3.70	28800 [8.4]	2.54	9.00
	R802VA075421M	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1475 [693.3]	44500 [13.0]	3.70	28800 [8.4]	2.54	9.00
RP1548AC1	R802VA075421Z	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1450 [681.5]	44500 [13.0]	3.60	29000 [8.5]	2.50	9.00
	R802VA075421Z	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1450 [681.5]	44500 [13.0]	3.60	29000 [8.5]	2.50	9.00
	R802VA100521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.50	12.50	1350 [634.5]	43000 [12.6]	3.60	27800 [8.1]	2.54	9.00
	R802VA100521M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.50	12.50	1350 [634.5]	43000 [12.6]	3.60	27800 [8.1]	2.54	9.00
	R802VA100521Z	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44000 [12.9]	3.60	28400 [8.3]	2.54	9.00
	R802VA100521Z	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44000 [12.9]	3.60	28400 [8.3]	2.54	9.00
	R802VA125524M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.50	13.00	1350 [634.5]	43000 [12.6]	3.60	27800 [8.1]	2.54	9.00
	R802VA125524Z	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1500 [705.0]	44500 [13.0]	3.66	29000 [8.5]	2.60	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R802V: Prestige 2-Stage 80% ECM Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1548AJ1	R802VA075421M	RCF4821STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1475 [693.3]	44500 [13.0]	3.70	28800 [8.4]	2.54	9.00
		RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1475 [693.3]	44500 [13.0]	3.70	28800 [8.4]	2.54	9.00
	R802VA075421Z	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1450 [681.5]	44500 [13.0]	3.60	29000 [8.5]	2.50	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1450 [681.5]	44500 [13.0]	3.60	29000 [8.5]	2.50	9.00
	R802VA100521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.50	12.50	1350 [634.5]	43000 [12.6]	3.60	27800 [8.1]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.50	12.50	1350 [634.5]	43000 [12.6]	3.60	27800 [8.1]	2.54	9.00
	R802VA100521Z	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44000 [12.9]	3.60	28400 [8.3]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44000 [12.9]	3.60	28400 [8.3]	2.54	9.00
	R802VA125524M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.50	13.00	1350 [634.5]	43000 [12.6]	3.60	27800 [8.1]	2.54	9.00
		RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1500 [705.0]	44500 [13.0]	3.66	29000 [8.5]	2.60	9.00
RP1560AC1	R802VA125524Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.70	35800 [10.5]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.70	35800 [10.5]	2.60	9.00
	R802VA100521M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1775 [834.3]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1775 [834.3]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00
	R802VA125524M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.00	11.50	1800 [846.0]	55500 [16.6]	3.70	36200 [10.6]	2.60	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.00	11.50	1800 [846.0]	55500 [16.6]	3.70	36200 [10.6]	2.60	9.00
	R802VA125524Z	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1675 [787.3]	55000 [16.1]	3.80	35000 [10.3]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1675 [787.3]	55000 [16.1]	3.80	35000 [10.3]	2.66	9.00
	R802VA075421M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1750 [822.5]	55500 [16.6]	3.76	36000 [10.6]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1750 [822.5]	55500 [16.6]	3.76	36000 [10.6]	2.60	9.00
RP1560AJ1	R802VA100521M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.70	35800 [10.5]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.70	35800 [10.5]	2.60	9.00
	R802VA100521M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1775 [834.3]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.50	12.00	1775 [834.3]	56000 [16.4]	3.80	35800 [10.5]	2.66	9.00
	R802VA100521Z	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.00	11.50	1800 [846.0]	55500 [16.6]	3.70	36200 [10.6]	2.60	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	14.00	11.50	1800 [846.0]	55500 [16.6]	3.70	36200 [10.6]	2.60	9.00
	R802VA125524M	RCF6024HTA	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1675 [787.3]	55000 [16.1]	3.80	35000 [10.3]	2.66	9.00
		RCF6024STA	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1675 [787.3]	55000 [16.1]	3.80	35000 [10.3]	2.66	9.00
R802VA125524Z	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1750 [822.5]	55500 [16.6]	3.76	36000 [10.6]	2.60	9.00	
	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1750 [822.5]	55500 [16.6]	3.76	36000 [10.6]	2.60	9.00	

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R92T: 92% AFUE Single Stage Constant Torque Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518B,J1	R92TA0401317M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	15.50	13.00	675 [317.3]	16000 [4.7]	3.54	9300 [2.7]	2.34	8.25
		RCF2417STA	23800 [7.0]	16800 [4.9]	7000 [2.1]	15.50	13.00	750 [352.5]	21000 [6.2]	3.40	12900 [3.8]	2.30	8.50
	R92TA0601317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	850 [399.5]	22200 [6.5]	3.60	13700 [4.0]	2.46	9.00
RP1524B,J1	R92TA0701317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	850 [399.5]	22200 [6.5]	3.60	13600 [4.0]	2.46	9.00
		RCF3617STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.00	12.50	1050 [493.5]	27400 [8.0]	3.60	17000 [5.0]	2.34	9.00
	R92TA0401317M	RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.00	12.50	1050 [493.5]	27400 [8.0]	3.60	17000 [5.0]	2.34	9.00
RP1530B,J1	R92TA0601317M	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	14.50	12.00	1025 [481.8]	27400 [8.0]	3.60	17000 [5.0]	2.30	8.50
		RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	14.50	12.00	1025 [481.8]	27400 [8.0]	3.60	17000 [5.0]	2.30	8.50
	R92TA0701317M	RCF3617STA	28600 [8.4]	20200 [5.9]	8400 [2.5]	15.00	12.50	925 [434.8]	26600 [7.8]	3.54	16400 [4.8]	2.30	8.50
RP1542AC1	R92TA0601317M	RCF3621STA	28600 [8.4]	20200 [5.9]	8400 [2.5]	15.00	12.50	925 [434.8]	26600 [7.8]	3.54	16400 [4.8]	2.30	8.50
		RCF4821STA	41000 [12.0]	28900 [8.5]	12100 [3.5]	14.00	11.50	1250 [587.5]	40000 [11.7]	3.60	25800 [7.6]	2.50	8.20
	R92TA0701317M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1250 [587.5]	40500 [11.9]	3.66	25800 [7.6]	2.54	8.20
RP1542AC1	R92TA0851521M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	8.20
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	8.20
	R92TA1001521M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.66	26200 [7.7]	2.54	8.20
RP1542A,J1	R92TA1151524M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.66	26200 [7.7]	2.54	8.20
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1300 [611.0]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
	R92TA0601317M	RCF4821STA	41000 [12.0]	28900 [8.5]	12100 [3.5]	14.00	11.50	1250 [587.5]	40000 [11.7]	3.60	25800 [7.6]	2.50	9.00
RP1542A,J1	R92TA0701317M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1250 [587.5]	40500 [11.9]	3.66	25800 [7.6]	2.54	9.00
		RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
	R92TA0851521M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
RP1548AC1	R92TA1001521M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
	R92TA1151524M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
RP1548AC1	R92TA0851521M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1300 [611.0]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
		RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1500 [705.0]	45000 [13.2]	3.54	29600 [8.7]	2.50	8.20
	R92TA1001521M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1500 [705.0]	45000 [13.2]	3.54	29600 [8.7]	2.50	8.20
RP1548A,J1	R92TA1151524M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.54	8.20
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.54	8.20
	R92TA0601317M	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1500 [705.0]	45000 [13.2]	3.60	29400 [8.6]	2.54	8.20
RP1560AC1	R92TA0851521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1500 [705.0]	45000 [13.2]	3.54	29600 [8.7]	2.50	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1500 [705.0]	45000 [13.2]	3.54	29600 [8.7]	2.50	9.00
	R92TA1001521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.54	9.00
RP1560A,J1	R92TA1151524M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.54	9.00
		RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.50	12.00	1500 [705.0]	45000 [13.2]	3.60	29400 [8.6]	2.54	9.00
	R92TA1001521M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	8.20
RP1560A,J1	R92TA1151524M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	8.20
		RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	8.20
	R92TA1001521M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1700 [799.0]	56500 [16.6]	3.76	35600 [10.4]	2.60	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R95T: 95% AFUE Single-Stage Constant Torque Multiphoise Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	R95TC0401317M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	15.50	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
		RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	12.50	850 [399.5]	22000 [6.4]	3.66	13600 [4.0]	2.46	9.00
RP1524BJ1	R95TC0601317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	875 [411.3]	22200 [6.5]	3.54	13800 [4.0]	2.40	8.50
	R95TC0701317M	RCF2417STA	23800 [7.0]	16800 [4.9]	7000 [2.1]	15.00	12.50	825 [387.8]	22200 [6.5]	3.60	13700 [4.0]	2.46	8.50
RP1530BJ1	R95TC0401317M	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	925 [434.8]	26600 [7.8]	3.60	16300 [4.8]	2.30	8.50
		RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	950 [446.5]	26800 [7.9]	3.66	16500 [4.8]	2.34	9.00
		RCF3617STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	14.50	12.00	1025 [481.8]	27400 [8.0]	3.60	17000 [5.0]	2.34	9.00
		RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	14.50	12.00	1025 [481.8]	27400 [8.0]	3.60	17000 [5.0]	2.34	9.00
RP1536AC1	R95TC0701317M	RCF3617STA	28600 [8.4]	20200 [5.9]	8400 [2.5]	15.00	12.50	925 [434.8]	26600 [7.8]	3.50	16400 [4.8]	2.26	8.50
		RCF3621STA	28600 [8.4]	20200 [5.9]	8400 [2.5]	15.00	12.50	925 [434.8]	26800 [7.9]	3.54	16600 [4.9]	2.30	8.50
		RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1125 [528.8]	34000 [10.0]	3.54	22200 [6.5]	2.54	8.20
		RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1150 [540.5]	34200 [10.0]	3.60	22400 [6.6]	2.60	8.20
RP1536AJ1	R95TC0701317M	RCF3617STA	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1075 [505.3]	33800 [9.9]	3.46	22200 [6.5]	2.50	8.20
		RCF3621STA	34800 [10.2]	24600 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34000 [10.0]	3.54	22400 [6.6]	2.50	8.20
		RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1125 [528.8]	34000 [10.0]	3.60	22400 [6.6]	2.66	8.20
		RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1125 [528.8]	34000 [10.0]	3.54	22200 [6.5]	2.54	9.00
RP1536AJ1	R95TC0701317M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.50	12.00	1150 [540.5]	34200 [10.0]	3.60	22400 [6.6]	2.60	9.00
		RCF3617STA	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1075 [505.3]	33800 [9.9]	3.46	22200 [6.5]	2.50	8.50
		RCF3621STA	34800 [10.2]	24600 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34000 [10.0]	3.54	22400 [6.6]	2.50	9.00
		RCF3617STA	34800 [10.2]	24600 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34000 [10.0]	3.60	22200 [6.5]	2.54	9.00
RP1542AC1	R95TC0851521M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1125 [528.8]	34000 [10.0]	3.60	22400 [6.6]	2.66	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.60	26200 [7.7]	2.54	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.60	26200 [7.7]	2.54	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1400 [658.0]	40500 [11.9]	3.66	26000 [7.6]	2.54	9.00
RP1542AJ1	R95TC1001521M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1400 [658.0]	40500 [11.9]	3.66	26000 [7.6]	2.54	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.60	26200 [7.7]	2.54	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.60	26200 [7.7]	2.54	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1425 [669.8]	40500 [11.9]	3.60	26200 [7.7]	2.54	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R95T: 95% AFUE Single-Stage Constant Torque Multiphoise Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1548AC1	R95TC0851521M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.50	9.00
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.50	9.00
	R95TC1001521M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	45000 [13.2]	3.60	28800 [8.4]	2.50	9.00
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	45000 [13.2]	3.60	28800 [8.4]	2.50	9.00
RP1548AJ1	R95TC1151524M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.50	9.00
		RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.50	9.00
	R95TC0851521M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.50	9.00
		RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	45000 [13.2]	3.60	28800 [8.4]	2.50	9.00
RP1560AC1	R95TC1151524M	RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1400 [658.0]	45000 [13.2]	3.60	29000 [8.5]	2.50	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1625 [763.8]	56000 [16.4]	3.66	35400 [10.4]	2.54	9.00
	R95TC1151524M	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1625 [763.8]	56000 [16.4]	3.66	35400 [10.4]	2.54	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.50	9.00
RP1560AJ1	R95TC0851521M	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.50	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1625 [763.8]	56000 [16.4]	3.66	35400 [10.4]	2.54	9.00
	R95TC1151524M	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1625 [763.8]	56000 [16.4]	3.66	35400 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.50	9.00

[] Designates Metric Conversions



Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R96T: 96% AFUE Constant Torque Multipoise Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1524BJ1	R96TA0402317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	875 [411.3]	22200 [6.5]	3.60	13700 [4.0]	2.46	8.50
	R96TA0602317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	775 [364.3]	22200 [6.5]	3.66	13600 [4.0]	2.46	9.00
	R96TA0702317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	12.50	825 [387.8]	22000 [6.4]	3.66	13600 [4.0]	2.46	9.00
	R96TA0402317M	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	1000 [470.0]	27400 [8.0]	3.60	16900 [5.0]	2.30	8.50
	R96TA0602317M	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	1000 [470.0]	27400 [8.0]	3.60	16900 [5.0]	2.30	8.50
	R96TA0702317M	RCF3617STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	14.50	12.00	1025 [481.8]	27400 [8.0]	3.54	17100 [5.0]	2.30	8.50
RP1530BJ1	R96TA0602317M	RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	14.50	12.00	1025 [481.8]	27400 [8.0]	3.54	17100 [5.0]	2.30	8.50
	R96TA0702317M	RCF3617STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.00	12.50	1050 [493.5]	27400 [8.0]	3.60	17000 [5.0]	2.34	9.00
	R96TA0852521M	RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.00	12.50	1050 [493.5]	27400 [8.0]	3.60	17000 [5.0]	2.34	9.00
	R96TA1002521M	RCF3617STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1025 [481.8]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
	R96TA0702317M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1025 [481.8]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
	R96TA1002521M	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1050 [493.5]	27200 [8.0]	3.60	16900 [5.0]	2.34	9.00
RP1542AC1	R96TA0702317M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40500 [11.9]	3.66	26200 [7.7]	2.54	8.20
	R96TA0852521M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	8.20
	R96TA1002521M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	8.20
	R96TA1152524M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	8.20
	R96TA0702317M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
	R96TA0852521M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
RP1542AJ1	R96TA1002521M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
	R96TA1152524M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
	R96TA0702317M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1350 [634.5]	44000 [12.9]	3.50	28600 [8.4]	2.46	8.20
	R96TA0852521M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1375 [646.3]	44500 [13.0]	3.54	28800 [8.4]	2.50	8.20
	R96TA1002521M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1375 [646.3]	44500 [13.0]	3.54	28800 [8.4]	2.50	8.20
	R96TA1152524M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1375 [646.3]	44500 [13.0]	3.60	28800 [8.4]	2.50	8.20
RP1548AJ1	R96TA1152524M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1350 [634.5]	44500 [13.0]	3.66	28800 [8.4]	2.50	8.20
	R96TA0702317M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	44000 [12.9]	3.50	28600 [8.4]	2.46	9.00
	R96TA0852521M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	44500 [13.0]	3.54	28800 [8.4]	2.50	9.00
	R96TA1002521M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	44500 [13.0]	3.54	28800 [8.4]	2.50	9.00
	R96TA1152524M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	44500 [13.0]	3.60	28800 [8.4]	2.50	9.00
	R96TA1002521M	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1375 [646.3]	44500 [13.0]	3.60	28800 [8.4]	2.50	9.00

[] Designates Metric Conversions



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R96V: 96% AFUE 2-Stage Variable Speed Multiphoise Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	R96VA0402317M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
	R96VA0602317M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	15.50	13.00	650 [305.5]	16000 [4.7]	3.54	9200 [2.7]	2.34	8.25
	R96VA0702317M	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
RP1524BJ1	R96VA0402317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	875 [411.3]	22200 [6.5]	3.60	13600 [4.0]	2.46	9.00
	R96VA0602317M	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	825 [387.8]	22200 [6.5]	3.60	13600 [4.0]	2.46	9.00
	R96VA0702317M	RCF2417STA	23800 [7.0]	16800 [4.9]	7000 [2.1]	15.50	12.50	775 [364.3]	21800 [6.4]	3.60	13400 [3.9]	2.46	9.00
RP1530BJ1	R96VA0402317M	RCF3617STA	28600 [8.4]	20200 [5.9]	8400 [2.5]	15.50	13.00	925 [434.8]	26400 [7.7]	3.54	16200 [4.7]	2.30	8.50
	RCF3621STA	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	950 [446.5]	26600 [7.8]	3.60	16300 [4.8]	2.30	8.50
	RCF3617STA	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.54	16600 [4.9]	2.30	8.50
RP1536AC1	R96VA0602317M	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.60	16500 [4.8]	2.30	8.50
	R96VA0702317M	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	950 [446.5]	26600 [7.8]	3.54	16400 [4.8]	2.30	8.50
	RCF3621STA	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	950 [446.5]	26600 [7.8]	3.60	16300 [4.8]	2.30	8.50
RP1536AC1	R96VA0852521M	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	925 [434.8]	26200 [7.7]	3.60	16100 [4.7]	2.30	8.50
	R96VA1002521M	RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.50	13.00	1000 [470.0]	26800 [7.9]	3.66	16500 [4.8]	2.34	9.00
	R96VA0402317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	8.20
RP1536AC1	R96VA0602317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1125 [528.8]	33600 [9.8]	3.54	22200 [6.5]	2.54	8.20
	RCF3617STA	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22800 [6.7]	2.60	8.20
	RCF3621STA	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.60	22600 [6.6]	2.60	8.20
RP1536AJ1	R96VA0852521M	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1225 [575.8]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
	R96VA1002521M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1100 [517.0]	33400 [9.8]	3.54	21800 [6.4]	2.54	8.20
	R96VA0402317M	RCF3617STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1225 [575.8]	34400 [10.1]	3.54	22800 [6.7]	2.54	9.00
RP1536AJ1	R96VA0602317M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.50	12.00	1125 [528.8]	33600 [9.8]	3.54	22200 [6.5]	2.54	9.00
	RCF3617STA	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22800 [6.7]	2.60	9.00
	RCF3621STA	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
RP1542AC1	R96VA0702317M	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.54	22400 [6.6]	2.54	9.00
	R96VA0852521M	RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	33800 [9.9]	3.60	22200 [6.5]	2.60	9.00
	R96VA1002521M	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1225 [575.8]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
RP1542AC1	R96VA1002521M	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	15.00	12.50	1100 [517.0]	33400 [9.8]	3.54	22600 [6.6]	2.54	9.00
	R96VA0402317M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	39500 [11.6]	3.60	25400 [7.4]	2.50	9.00
	R96VA0852521M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
RP1542AC1	R96VA0602317M	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
	RCF4821STA	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	RCF4824STA	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
RP1542AC1	R96VA1152524M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	RCF4824STA	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	RCF4824STA	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R96V: 96% AFUE 2-Stage Variable Speed Multipoint Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1542AJ1	R96VA0402317M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1225 [575.8]	39500 [11.6]	3.60	25400 [7.4]	2.50	9.00
	R96VA0852521M	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
	R96VA1002521M	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
RP1548AC1	R96VA1152524M	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	R96VA0852521M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
	R96VA1002521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	9.00
RP1548AJ1	R96VA1152524M	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1450 [681.5]	44000 [12.9]	3.66	28600 [8.4]	2.54	9.00
	R96VA0852521M	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
	R96VA1002521M	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	9.00
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	9.00
RP1560AC1	R96VA1152524M	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1450 [681.5]	44000 [12.9]	3.66	28600 [8.4]	2.54	9.00
	R96VA0852521M	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
	R96VA1002521M	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
RP1560AJ1	R96VA1152524M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00
	R96VA0852521M	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
	R96VA1002521M	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
RP1560AJ1	R96VA1152524M	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00
	R96VA0852521M	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
	R96VA1002521M	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R97V: 97% AFUE Modulating Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	R97VB060M317K	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	15.50	13.00	650 [305.5]	16000 [4.7]	3.54	9200 [2.7]	2.34	8.25
	R97VB070M317K	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
RP1524BJ1	R97VB060M317K	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	825 [387.8]	22200 [6.5]	3.60	13600 [4.0]	2.46	9.00
	R97VB070M317K	RCF2417STA	23800 [7.0]	16800 [4.9]	7000 [2.1]	15.50	12.50	775 [364.3]	21800 [6.4]	3.60	13400 [3.9]	2.46	9.00
RP1530BJ1	R97VB060M317K	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.54	16600 [4.9]	2.30	8.50
		RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.60	16500 [4.8]	2.30	8.50
		RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	950 [446.5]	26600 [7.8]	3.54	16400 [4.8]	2.30	8.50
		RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	950 [446.5]	26600 [7.8]	3.60	16300 [4.8]	2.30	8.50
RP1536AC1	R97VB085M521K	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	925 [434.8]	26200 [7.7]	3.60	16100 [4.7]	2.30	8.50
		RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.50	13.00	1000 [470.0]	26800 [7.9]	3.66	16500 [4.8]	2.34	9.00
		RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22800 [6.7]	2.60	8.20
		RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.60	22600 [6.6]	2.60	8.20
RP1536AJ1	R97VB070M317K	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.54	22400 [6.6]	2.54	8.20
		RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	33800 [9.9]	3.60	22200 [6.5]	2.60	8.20
		RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1225 [575.8]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
		RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1250 [587.5]	34000 [10.0]	3.66	22600 [6.6]	2.60	8.20
RP1536AJ1	R97VB060M317K	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22800 [6.7]	2.60	9.00
		RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
		RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.54	22400 [6.6]	2.54	9.00
		RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	33800 [9.9]	3.60	22200 [6.5]	2.60	9.00
RP1542AC1	R97VB085M521K	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1225 [575.8]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
		RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1250 [587.5]	34000 [10.0]	3.66	22600 [6.6]	2.60	9.00
		RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	8.20
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	8.20
RP1542AJ1	R97VB100M521K	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
		RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
RP1542AJ1	R97VB085M521K	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R97V: 97% AFUE Modulating Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1548AC1	R97VB085M521K	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	8.20
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	8.20
	R97VB100M521K	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	8.20
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	8.20
RP1548AJ1	R97VB115M524K	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1450 [681.5]	44000 [12.9]	3.66	28600 [8.4]	2.54	8.20
		RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
	R97VB085M521K	RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
		RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	9.00
RP1560AC1	R97VB115M524K	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1450 [681.5]	44000 [12.9]	3.66	28600 [8.4]	2.54	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	8.20
	R97VB085M521K	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	8.20
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	8.20
RP1560AJ1	R97VB115M524K	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	8.20
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	8.20
	R97VB085M521K	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
RP1560AJ1	R97VB100M521K	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
	R97VB115M524K	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R98V: 98% AFUE Modulating Upflow Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	R98VB060M317U	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	15.50	13.00	650 [305.5]	16000 [4.7]	3.54	9200 [2.7]	2.34	8.25
	R98VB070M317U	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
RP1524BJ1	R98VB060M317U	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	825 [387.8]	22200 [6.5]	3.60	13600 [4.0]	2.46	9.00
	R98VB070M317U	RCF2417STA	23800 [7.0]	16800 [4.9]	7000 [2.1]	15.50	12.50	775 [364.3]	21800 [6.4]	3.60	13400 [3.9]	2.46	9.00
RP1530BJ1	R98VB060M317U	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.54	16600 [4.9]	2.30	8.50
		RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	975 [458.3]	26800 [7.9]	3.60	16500 [4.8]	2.30	8.50
	R98VB070M317U	RCF3617STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.00	12.50	950 [446.5]	26600 [7.8]	3.54	16400 [4.8]	2.30	8.50
		RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	950 [446.5]	26600 [7.8]	3.60	16300 [4.8]	2.30	8.50
	R98VB085M521U	RCF3621STA	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	925 [434.8]	26200 [7.7]	3.60	16100 [4.7]	2.30	8.50
		RCF3621STA	29000 [8.5]	20500 [6.0]	8500 [2.5]	15.50	13.00	1000 [470.0]	26800 [7.9]	3.66	16500 [4.8]	2.34	9.00
	R98VB060M317U	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22800 [6.7]	2.60	8.20
		RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.60	22600 [6.6]	2.60	8.20
RP1536AC1	R98VB070M317U	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.54	22400 [6.6]	2.54	8.20
		RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	33800 [9.9]	3.60	22200 [6.5]	2.60	8.20
	R98VB085M521U	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1225 [575.8]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
		RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1250 [587.5]	34000 [10.0]	3.66	22600 [6.6]	2.60	8.20
RP1536AJ1	R98VB060M317U	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.54	22800 [6.7]	2.60	9.00
		RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	34200 [10.0]	3.60	22600 [6.6]	2.60	9.00
	R98VB070M317U	RCF3617STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.54	22400 [6.6]	2.54	9.00
		RCF3621STA	35000 [10.3]	24700 [7.2]	10300 [3.0]	14.00	11.50	1150 [540.5]	33800 [9.9]	3.60	22200 [6.5]	2.60	9.00
RP1542AC1	R98VB085M521U	RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1225 [575.8]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
		RCF3621STA	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.50	12.00	1250 [587.5]	34000 [10.0]	3.66	22600 [6.6]	2.60	9.00
	R98VB100M521U	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	8.20
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	8.20
RP1542AJ1	R98VB100M521U	RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
	R98VB115M524U	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	8.20
		RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
RP1542AJ1	R98VB085M521U	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1275 [599.3]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	R98VB100M521U	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1350 [634.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
		RCF4821STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.50	12.00	1450 [681.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

R98V: 98% AFUE Modulating Upflow Gas Furnace Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1548AC1	R98VB085M521U	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	8.20
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.00	11.50	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	8.20
	R98VB100M521U	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	8.20
		RCF4824STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	8.20
RP1548AJ1	R98VB115M524U	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1450 [681.5]	44000 [12.9]	3.66	28600 [8.4]	2.54	8.20
	R98VB085M521U	RCF4821STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
		RCF4824STA	45500 [13.3]	32100 [9.4]	13400 [3.9]	14.50	12.00	1350 [634.5]	43500 [12.7]	3.54	28400 [8.3]	2.50	9.00
	R98VB100M521U	RCF4821STA	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.50	12.00	1475 [693.3]	45000 [13.2]	3.66	29000 [8.5]	2.54	9.00
RP1560AC1	R98VB115M524U	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	15.00	12.50	1450 [681.5]	44000 [12.9]	3.66	28600 [8.4]	2.54	9.00
	R98VB085M521U	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	8.20
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	8.20
	R98VB100M521U	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	8.20
RP1560AJ1	R98VB115M524U	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	8.20
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	8.20
	R98VB085M521U	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
RP1560AJ1	R98VB100M521U	RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
		RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1675 [787.3]	56000 [16.4]	3.66	35600 [10.4]	2.54	9.00
	R98VB115M524U	RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00
		RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.50	12.00	1725 [810.8]	56000 [16.4]	3.76	35600 [10.4]	2.60	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

Hydronic Air Handler Ratings													
Outdoor Unit	Furnace	Indoor Coil	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	RW1T04A2414N	RCF2417STA	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	16000 [4.7]	3.60	9200 [2.7]	2.34	8.25
		RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	800 [376.0]	22200 [6.5]	3.60	13600 [4.0]	2.46	9.00
RP1524BJ1	RW1T06A3617N	RCF2417STA	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.00	12.50	850 [399.5]	22200 [6.5]	3.60	13700 [4.0]	2.46	8.50
RP1530BJ1	RW1T08A4821N	RCF3621STA	29200 [8.6]	20600 [6.0]	8600 [2.5]	15.00	12.50	1050 [493.5]	27200 [8.0]	3.66	16900 [5.0]	2.34	9.00
RP1536AC1	RW1T06A3617N	RCF3617STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	14.00	11.50	1250 [587.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
		RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	14.00	11.50	1250 [587.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
RP1536AJ1	RW1T08A4821N	RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1150 [540.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	8.20
		RCF3617STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	15.00	12.50	1250 [587.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
RP1542AC1	RW1T06A3617N	RCF3621STA	35800 [10.5]	25300 [7.4]	10500 [3.1]	15.00	12.50	1250 [587.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
		RCF3621STA	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.50	12.00	1150 [540.5]	34000 [10.0]	3.66	22400 [6.6]	2.66	9.00
RP1542AJ1	RW1T08A4821N	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1250 [587.5]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
		RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
RP1542AJ1	RW1T08A4821N	RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
		RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1500 [705.0]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
RP1548AC1	RW1T06A3617N	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1250 [587.5]	40000 [11.7]	3.70	25400 [7.4]	2.54	9.00
		RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
RP1548AJ1	RW1T08A4821N	RCF4821STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
		RCF4824STA	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.50	12.00	1225 [575.8]	39500 [11.6]	3.70	25400 [7.4]	2.54	9.00
RP1548AC1	RW1T10A6024N	RCF4824STA	42000 [12.3]	29700 [8.7]	12300 [3.6]	14.00	11.50	1500 [705.0]	40500 [11.9]	3.66	26200 [7.7]	2.54	9.00
		RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1575 [740.3]	45500 [13.3]	3.50	29800 [8.7]	2.50	9.00
RP1548AJ1	RW1T08A4821N	RCF4821STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1575 [740.3]	45500 [13.3]	3.50	29800 [8.7]	2.50	9.00
		RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.50	12.00	1500 [705.0]	45000 [13.2]	3.60	29200 [8.6]	2.54	9.00
RP1548AJ1	RW1T08A4821N	RCF4821STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1575 [740.3]	45500 [13.3]	3.50	29800 [8.7]	2.50	9.00
		RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.00	11.50	1575 [740.3]	45500 [13.3]	3.50	29800 [8.7]	2.50	9.00
RP1560AC1	RW1T10A6024N	RCF4824STA	46500 [13.6]	32800 [9.6]	13700 [4.0]	14.50	12.00	1500 [705.0]	45000 [13.2]	3.60	29200 [8.6]	2.54	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.54	9.00
RP1560AJ1	RW1T08A4821N	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.54	9.00
		RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56500 [16.6]	3.76	35800 [10.5]	2.60	9.00
RP1560AJ1	RW1T10A6024N	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56500 [16.6]	3.76	35800 [10.5]	2.60	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.54	9.00
RP1560AJ1	RW1T08A4821N	RCF6024STA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.54	9.00
		RCF6024HTA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56500 [16.6]	3.76	35800 [10.5]	2.60	9.00
RP1560AJ1	RW1T10A6024N	RCF6024STA	57500 [16.9]	40600 [11.9]	16900 [5.0]	14.00	11.50	1725 [810.8]	56500 [16.6]	3.76	35800 [10.5]	2.60	9.00
		RCF6024HTA	57000 [16.7]	40200 [11.8]	16800 [4.9]	14.00	11.50	1600 [752.0]	55500 [16.3]	3.66	35200 [10.3]	2.54	9.00

[] Designates Metric Conversions





Air

Performance Data
RP15 Series

Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

Air Handler Ratings												
Outdoor Unit	Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1518BJ1	RH1V2417STAN	18000 [5.3]	12700 [3.7]	5300 [1.6]	16.00	13.00	650 [305.5]	15500 [4.5]	3.66	9100 [2.7]	2.40	8.25
	RBHP-17	22800 [6.7]	16100 [4.7]	6700 [2.0]	15.00	12.50	800 [376.0]	20600 [6.0]	3.60	12300 [3.6]	2.34	8.50
RP1524BJ1	RF1T2421MTAN	23600 [6.9]	16700 [4.9]	6900 [2.0]	15.00	12.50	775 [364.3]	22000 [6.4]	3.60	13300 [3.9]	2.40	9.00
	RH1P2417STAN	23600 [6.9]	16700 [4.9]	6900 [2.0]	14.00	11.50	800 [376.0]	22400 [6.6]	3.50	14000 [4.1]	2.34	8.50
	RH1V2417STAN	24000 [7.0]	16900 [5.0]	7100 [2.1]	15.50	13.00	850 [399.5]	22000 [6.4]	3.70	13500 [4.0]	2.50	9.00
	RBHP-21	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	1025 [481.8]	27000 [7.9]	3.70	16900 [5.0]	2.46	9.00
RP1530BJ1	RF1T3624MTAN	28800 [8.4]	20300 [5.9]	8500 [2.5]	15.50	13.00	975 [458.3]	28400 [8.3]	3.60	17100 [5.0]	2.20	8.50
	RH1P3017STAN	28400 [8.3]	20100 [5.9]	8300 [2.4]	14.50	12.00	950 [446.5]	27200 [8.0]	3.50	16900 [5.0]	2.26	8.50
	RH1V3617STAN	29400 [8.6]	20800 [6.1]	8600 [2.5]	15.50	13.00	1025 [481.8]	27000 [7.9]	3.76	16500 [4.8]	2.40	9.00
	RBHP-21	34800 [10.2]	24600 [7.2]	10200 [3.0]	14.00	11.50	1250 [587.5]	34600 [10.1]	3.70	22000 [6.4]	2.54	8.20
RP1536AC1	RF1T3624MTAN	35200 [10.3]	24900 [7.3]	10300 [3.0]	14.00	11.50	1200 [564.0]	37000 [10.8]	3.70	23200 [6.8]	2.54	8.20
	RH1P3617STAN	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34200 [10.0]	3.46	22400 [6.6]	2.50	8.20
	RH1P3621STAN	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34200 [10.0]	3.46	22400 [6.6]	2.50	8.20
	RH1T3617STAN	35600 [10.4]	25100 [7.4]	10500 [3.1]	14.00	11.50	1175 [552.3]	33800 [9.9]	3.66	22200 [6.5]	2.66	8.20
RP1536AJ1	RH1V3617STAN	36000 [10.6]	25400 [7.4]	10600 [3.1]	14.00	11.50	1150 [540.5]	35400 [10.4]	3.50	22600 [6.6]	2.46	8.20
	RBHP-21	34800 [10.2]	24600 [7.2]	10200 [3.0]	14.50	12.00	1250 [587.5]	34600 [10.1]	3.70	22000 [6.4]	2.54	9.00
	RF1T3624MTAN	35200 [10.3]	24900 [7.3]	10300 [3.0]	15.00	12.50	1200 [564.0]	37000 [10.8]	3.70	23200 [6.8]	2.54	9.00
	RH1P3617STAN	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34200 [10.0]	3.46	22400 [6.6]	2.50	8.50
RP1542AC1	RH1P3621STAN	34600 [10.1]	24400 [7.2]	10200 [3.0]	14.00	11.50	1100 [517.0]	34200 [10.0]	3.46	22400 [6.6]	2.50	8.50
	RH1V3617STAN	36000 [10.6]	25400 [7.4]	10600 [3.1]	15.00	12.50	1150 [540.5]	35400 [10.4]	3.50	22600 [6.6]	2.46	9.00
	RH1P4221STAN	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1400 [658.0]	41000 [12.0]	3.70	26800 [7.9]	2.60	9.00
	RH1T4824STAN	43000 [12.6]	30400 [8.9]	12600 [3.7]	14.50	12.00	1550 [728.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
RP1542AJ1	RH1V4821STAN	41000 [12.0]	28900 [8.5]	12100 [3.5]	15.00	12.50	1250 [587.5]	40000 [11.7]	3.76	25600 [7.5]	2.66	9.00
	RH1P4221STAN	41500 [12.2]	29300 [8.6]	12200 [3.6]	14.00	11.50	1400 [658.0]	41000 [12.0]	3.70	26800 [7.9]	2.60	9.00
	RH1T4824STAN	43000 [12.6]	30400 [8.9]	12600 [3.7]	14.50	12.00	1550 [728.5]	40000 [11.7]	3.76	25800 [7.6]	2.60	9.00
	RH1V4821STAN	41000 [12.0]	28900 [8.5]	12100 [3.5]	15.00	12.50	1250 [587.5]	40000 [11.7]	3.76	25600 [7.5]	2.66	9.00
RP1548AC1	RH1P4821STAN	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1500 [705.0]	45500 [13.3]	3.50	29600 [8.7]	2.50	9.00
	RH1T4824STAN	47000 [13.8]	33200 [9.7]	13800 [4.0]	15.50	12.50	1550 [728.5]	44500 [13.0]	3.70	28800 [8.4]	2.60	9.00
	RH1V4821STAN	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44000 [12.9]	3.66	28400 [8.3]	2.54	9.00
	RH1T4824STAN	47500 [13.9]	33500 [9.8]	14000 [4.1]	15.00	12.50	1625 [763.8]	44500 [13.0]	3.70	28800 [8.4]	2.60	9.00

[] Designates Metric Conversions



INTEGRATED HOME COMFORT



Performance Data @ AHRI Standard Conditions – Heat Pump (con't.)

Note: Ratings contained in this document are subject to change. For up-to-date and expanded ratings, please visit the AHRI web site (www.ahridirectory.org).

Air Handler Ratings												
Outdoor Unit	Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	SEER	EER	Indoor CFM [L/s]	47 Degree Heating Capacity BTU/H [kW]	47 Degree COP	17 Degree Heating Capacity BTU/H [kW]	17 Degree COP	Region IV HSPF
RP1548AJ1	RH1P4821STAN	46000 [13.5]	32500 [9.5]	13500 [4.0]	14.00	11.50	1500 [705.0]	45500 [13.3]	3.50	29600 [8.7]	2.50	9.00
	RH1T4824STAN	47000 [13.8]	33200 [9.7]	13800 [4.0]	15.50	12.50	1550 [728.5]	44500 [13.0]	3.70	28800 [8.4]	2.60	9.00
	RH1V4821STAN	46000 [13.5]	32500 [9.5]	13500 [4.0]	15.00	12.50	1400 [658.0]	44000 [12.9]	3.66	28400 [8.3]	2.54	9.00
	RH1V4824STAN	47500 [13.9]	33500 [9.8]	14000 [4.1]	15.00	12.50	1625 [763.8]	44500 [13.0]	3.70	28800 [8.4]	2.60	9.00
RP1560AC1	RH1V6024STAN	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1800 [846.0]	56000 [16.4]	3.84	35600 [10.4]	2.70	9.00
	RH2T6024STAN	57000 [16.7]	40200 [11.8]	16800 [4.9]	15.00	12.50	1600 [752.0]	54500 [16.0]	3.76	34400 [10.1]	2.60	9.00
	RH2V6024HTAC	57500 [16.9]	40600 [11.9]	16900 [5.0]	15.00	12.50	1725 [810.8]	55500 [16.3]	3.80	35200 [10.3]	2.66	9.00
	RH1V6024STAN	58000 [17.0]	41000 [12.0]	17000 [5.0]	15.00	12.50	1800 [846.0]	56000 [16.4]	3.84	35600 [10.4]	2.70	9.00
RP1560AJ1	RH2T6024STAN	57000 [16.7]	40200 [11.8]	16800 [4.9]	15.00	12.50	1600 [752.0]	54500 [16.0]	3.76	34400 [10.1]	2.60	9.00
	RH2V6024HTAC	57500 [16.9]	40600 [11.9]	16900 [5.0]	15.00	12.50	1725 [810.8]	55500 [16.3]	3.80	35200 [10.3]	2.66	9.00

[] Designates Metric Conversions



GUIDE SPECIFICATIONS

General

System Description

Outdoor-mounted, air-cooled, split-system heat pump unit suitable for ground or rooftop installation. Unit consists of a hermetic compressor, composite basepan, an air-cooled coil, propeller-type condenser fan, suction and liquid line service valve, and a control box. Unit will discharge supply air upward as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a coil unit.

Quality Assurance

- Unit will be rated in accordance with the latest edition of AHRI Standard 210.
- Unit will be certified for capacity and efficiency, and listed in the latest AHRI directory.
- Unit construction will comply with latest edition of ANSI/ASHRAE and with NEC.
- Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have c-UL-us approval.
- Unit cabinet will be capable of withstanding ASTM B117 1000-hr salt spray test.
- Air-cooled condenser coils will be leak tested at 150 psig and pressure tested at 550 psig.
- Unit constructed in ISO9001 approved facility.

Delivery, Storage, and Handling

- Unit will be shipped as single package only and is stored and handled per unit manufacturer's recommendations.

Warranty (for inclusion by specifying engineer) — U.S. and Canada only.

Products

Equipment

Factory assembled, single piece, air-cooled heat pump unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge R-410A, and special features required prior to field start-up.

Unit Cabinet

- Unit cabinet will be constructed of galvanized steel, bonderized, and coated with a powder coat paint.
- All units constructed with louver coil protection and corner post. Louver can be removed by removing one fastener per louver panel.

AIR-COOLED, SPLIT-SYSTEM HEAT PUMP RP15

1-1/2 TO 5 NOMINAL TONS

Fans

- Condenser fan will be direct-drive propeller type, discharging air upward.
- Condenser fan motors will be totally enclosed, 1-phase type with class B insulation and permanently lubricated bearings. Shafts will be corrosion resistant.
- Fan blades will be statically and dynamically balanced.
- Condenser fan openings will be equipped with coated steel wire safety guards.

Compressor

- Compressor will be hermetically sealed.
- Compressor will be mounted on rubber vibration isolators.

Condenser Coil

- Condenser coil will be air cooled.
- Coil will be constructed of aluminum fins mechanically bonded to copper tubes.

Refrigeration Components

- Refrigeration circuit components will include liquid-line shutoff valve with sweat connections, vapor-line shutoff valve with sweat connections, system charge of R-410A refrigerant, and compressor oil.
- Unit will be equipped with filter drier for R-410A refrigerant for field installation.

Operating Characteristics

- The capacity of the unit will meet or exceed ____ Btuh at a suction temperature of ____ °F/°C. The power consumption at full load will not exceed ____ kW.
- Combination of the unit and the evaporator or fan coil unit will have a total net cooling capacity of ____ Btuh or greater at conditions of ____ CFM entering air temperature at the evaporator at ____ °F/°C wet bulb and ____ °F/°C dry bulb, and air entering the unit at ____ °F/°C.
- The system will have a SEER of ____ Btuh/watt or greater at DOE conditions.

Electrical Requirements

- Nominal unit electrical characteristics will be ____ v, single phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of ____ v to ____ v.
- Nominal unit electrical characteristics will be ____ v, three phase, 60 hz. The unit will be capable of satisfactory operation within voltage limits of ____ v to ____ v.
- Unit electrical power will be single point connection.
- Control circuit will be 24v.

Special Features

- Refer to section of this literature identifying accessories and descriptions for specific features and available enhancements.

GENERAL TERMS OF LIMITED WARRANTY*

Rheem 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.

***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.**

Conditional Parts
(Registration Required)Ten (10) Years



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

Rheem Heating, Cooling & Water Heating • P.O. Box 17010
Fort Smith, Arkansas 72917 • www.rheem.com

Rheem Canada Ltd./Ltée • 125 Edgeware Road, Unit 1
Brampton, Ontario • L6Y 0P5



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