

ANY ROOM,

ANY SEAS[°]ON

Single-Zone Efficiencies up to: 33 SEER / 14.2 HSPF

Multi-Zone Efficiencies up to: 19.7 SEER / 10.3 HSPF



A Year-Round Solution

Revolutionary mini-split heat pumps provide both heating and cooling for year-round comfort in most climates. A simple push of a button on the remote control allows you to switch from heating to cooling (or vice versa) automatically.



Savings
up to
25%*
on utility bills

*Savings may vary based on model selected, hours of operation and geographical location. Example given based on 33-SEER system versus 14-SEER system.



The new degree of comfort.®

QUIETLY REVOLUTIONIZING ENERGY-EFFICIENT HOME COMFORT



TABLE OF CONTENTS

FEATURES

Ductless Mini-Splits Defined	4
Individual Zoning	5
Comfort Solution	8
Energy Efficient	9
Comfort & Convenience	10
Applications	11
Low Temperature Heating Operation	12
Feature Explanation	13

MODEL LINEUP

Indoor and Outdoor Model Table	16
--------------------------------------	----

SINGLE-ZONE MINI-SPLITS

Wall Mount	18
Floor Mount	30
Compact Cassette	32
Slim Duct	34
Universal Floor/Ceiling	36
Large Cassette	38

MULTI-ZONE MINI-SPLITS

Overview	40
Indoor Units	
Wall Mount	44
Slim Duct	46
Compact Cassette	48
Floor Mount	50
Outdoor Units	
Multi-Zone (2-5 Zones)	52
XLTH Multi-Zone (2-4 Zones)	54
Allowable Combinations	56

ACCESSORIES

Compatibility Chart	58
Descriptions	60

RESOURCES

Line Set Length Chart	62
Model Nomenclature	63

YEAR-ROUND, WHOLE-HOME OR BUSINESS ENERGY EFFICIENT HEATING AND COOLING

WHAT IS A MINI-SPLIT?

Mini-Splits are ductless systems that eliminate the need for a basement or attic-located evaporator unit and ductwork by using thin copper tubing that pumps refrigerant directly to discreet wall mounted units inside. Even more remarkable, this same unit works in reverse in winter, absorbing heat from the outside air and moving it indoors to heat your home. The result? Efficient cooling and heating for year-round, whole-home comfort in most climates.

Available in numerous mix-and-match capacities, Rheem® offers a mini-split system for even the most difficult to heat and cool areas.

HOW DOES A MINI-SPLIT WORK?

Like your refrigerator, heat pumps use electricity to pump refrigerant and transfer heat from one space to another. Heat pumps transfer heat from the outdoors to within the home.



INDIVIDUAL ZONING: PERSONALIZED WHOLE HOME COMFORT

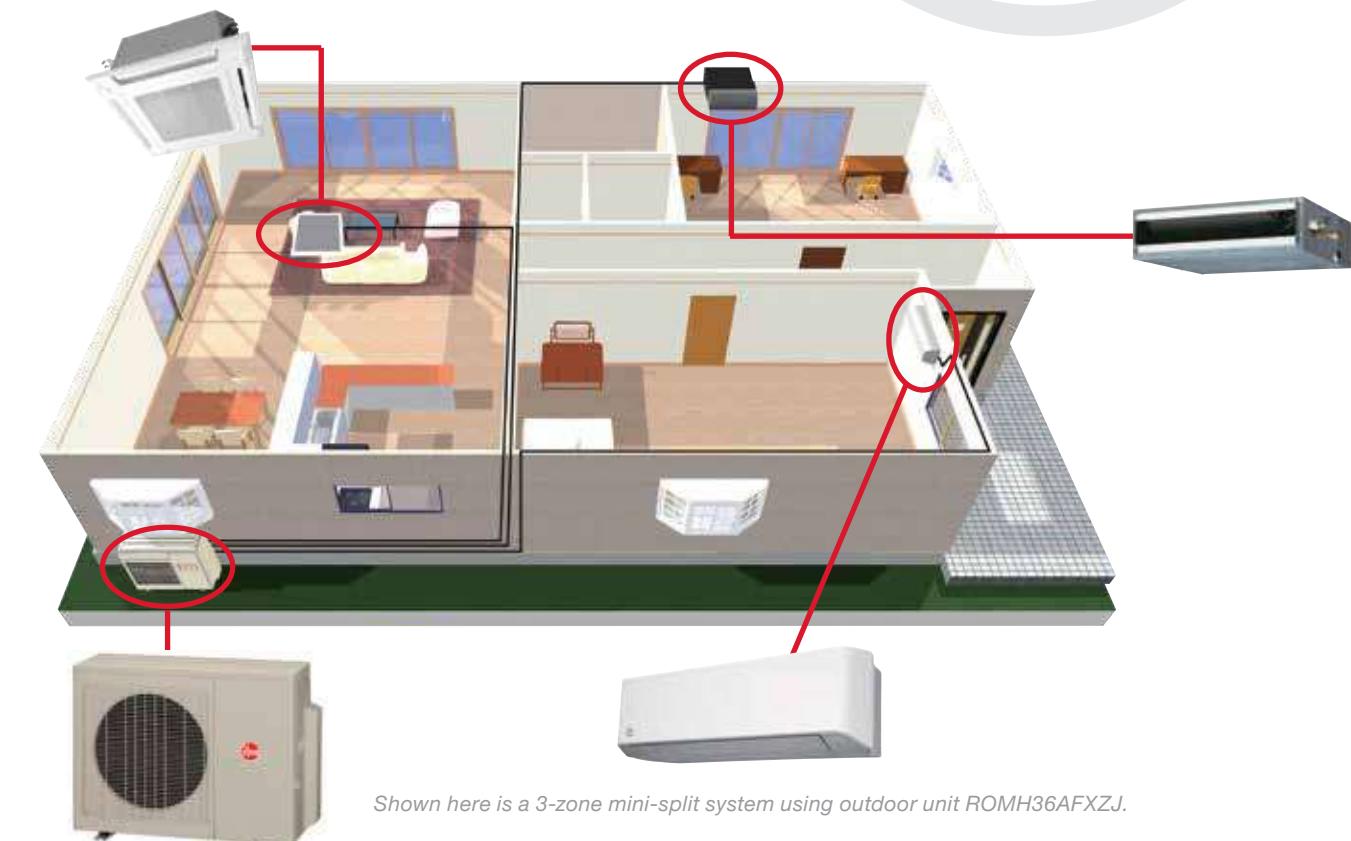
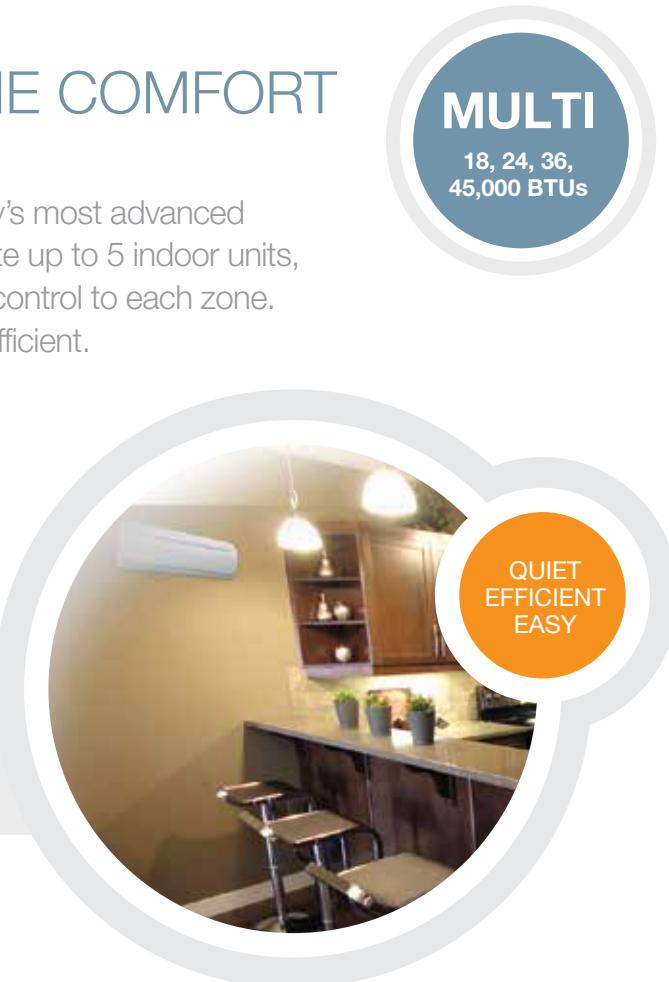
Ductless Heat Pump Mini-Split systems are some of today's most advanced forms of heating and cooling. One outdoor unit can operate up to 5 indoor units, simultaneously providing just the right amount of comfort control to each zone. Rheem systems are super quiet as well as highly energy efficient.

Each indoor unit can:

- Operate independently via remote control
- Supply both heating and cooling (not simultaneously)
- Provide high energy efficiencies
- Operate quietly

WALL MOUNTED

The mini-split indoor unit mounts high on a wall, out of sight and does not require ductwork, increasing energy efficiency.



Shown here is a 3-zone mini-split system using outdoor unit ROMH36AFXZJ.



SLIM DUCT

Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.

- Concealed and out of sight
- Look of central air with the efficiency of a mini-split
- Less ducts = higher efficiency



FLOOR MOUNTED

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom.

- Compact size fits easily under a standard window
- Features twin airflow for improved heat delivery and help those cold feet
- Designer wireless remote control



COMPACT CASSETTE

Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.

- Wired remote control (wireless is optional)
- Powerful turbo fan operation
- Fits into a standard 2' x 2' ceiling grid

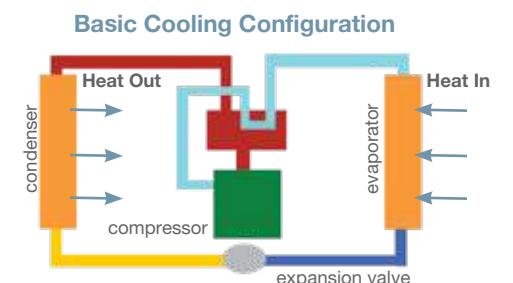
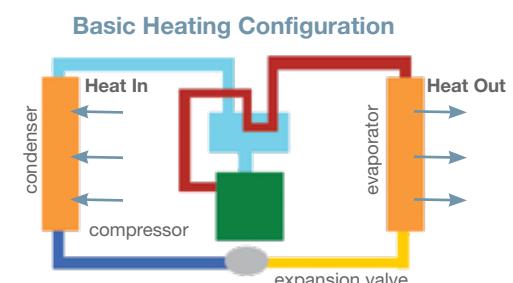


HEAT PUMPS PROVIDE HEAT WHEN IT'S CHILLY

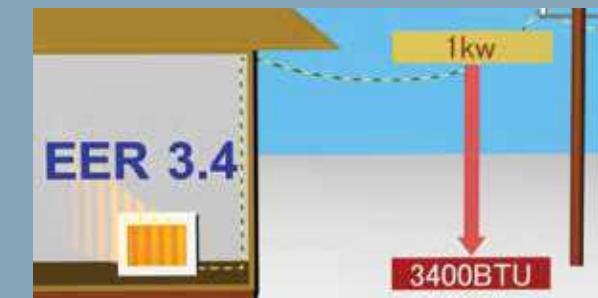
Because refrigerant is naturally much colder than outdoor temperatures even on a very cold day, it actually absorbs heat from outdoors, and transfers the heat to within your home. The refrigerant's physical properties do this naturally. What you provide is the electricity to pump refrigerant via refrigerant lines from outdoors to indoors. Because it moves heat rather than creating it, it can deliver up to 4 times the heat for the energy consumed.

HEAT PUMPS PROVIDE COOLING WHEN IT'S WARM

Come spring and summer, simply reverse the process by putting the same system into "cooling mode" to transfer heat from indoors to the outside.

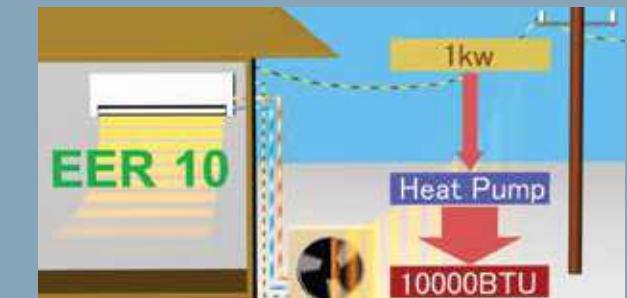


ELECTRIC HEATERS VS. HEAT PUMPS



An electric heater converts electricity directly to heat, assuming that the heat loss is zero, the output from one kilowatt input is one kilowatt or 3,400 BTU/HR and the EER is 3.4.

*EER (Energy Efficiency Rating) = Rated BTU/HR capacity divided by total kW input.



Heat pumps are more efficient than some other forms of heating because they do not actually create heat—they just move it from one place to another. For example, the output of an efficient 10 EER heat pump is triple that of an electric heater at 10,000 BTU/HR.



A SOLUTION FOR ALL OF YOUR COMFORT NEEDS

DUCTLESS TECHNOLOGY

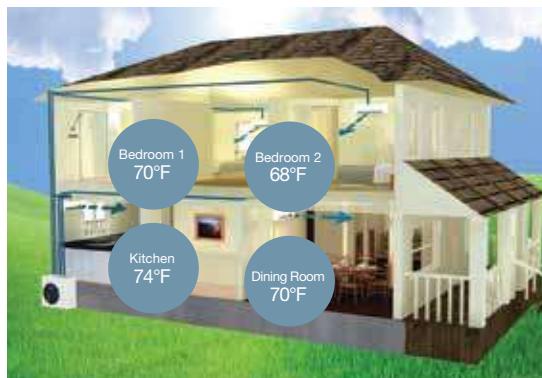
Rheem® Mini-Split Systems offer a convenient alternative in areas of the home where traditional duct systems may not be an option—such as attics, home additions, basements or crawlspaces. Since mini-splits have no ducting, they set up quickly, install easily and won't take up closet or attic space. Used in conjunction with a new Rheem HVAC system, our high-efficiency ductless systems make it easy for you to keep spaces more comfortable and energy consumption low, while saving big on utility costs.

WHOLE HOME OR BUSINESS COMFORT

Rheem Ductless Mini-Split Systems provide home and business owners just the right amount of heating and cooling needed by installing 1 to 5 indoor units connected to one outdoor unit. Indoor units vary by size and each creates its own “zone” of comfort, allowing you to heat or cool individual rooms, hallways and open spaces.

A YEAR-ROUND SOLUTION

Revolutionary heat pumps provide both heating and cooling for year round comfort in most climates. A simple push of a button on the remote control allows you to switch from heating to cooling (or vice versa) automatically.



Whole Home Comfort

Multi-zone systems provide homeowners just the right amount of heating and cooling needed by installing 2 to 5 indoor units connected to one outdoor unit. Indoor units vary by size and each creates its own “zone” of comfort, allowing the heating or cooling of individual rooms, hallways and open spaces.

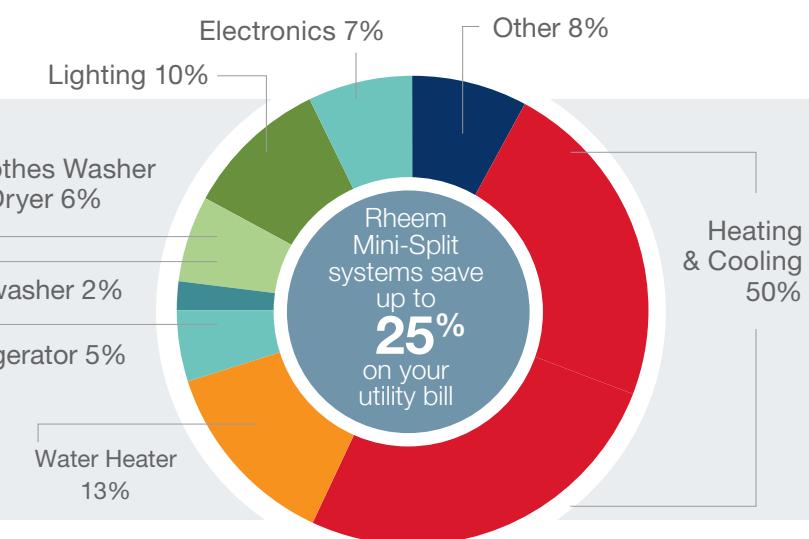
ENERGY EFFICIENT: THE SMART CHOICE IN COMFORT

Heating and cooling consume as much as half of the energy used in your home. So, making smart decisions about your home's heating and cooling system can have a big effect on your utility bills—and your comfort.

WHERE DOES MY MONEY GO?

The high energy efficiencies of ductless mini-split systems slash utility bills by up to 25%. If your average annual utilities are \$4,200, Rheem® can save you up to \$1,050 annually or \$10,500 over 10 years!*

*Savings may vary based on model selected, hours of operation and geographical location. Example given based on 33-SEER system versus 14-SEER system.



REBATES

To encourage customers to buy energy efficient products, many local utility companies offer significant rebates for the purchase of a ductless mini-split system. Check with your utility provider or Rheem.com/Rebates.

ENERGY STAR® QUALIFIED SYSTEMS*

Is your HVAC equipment more than 10 years old and making your house uncomfortable? Then, call a professional HVAC contractor for an evaluation. If it is not performing efficiently or needs upgrading, consider replacing it with a unit that has earned ENERGY STAR® qualification. Installed correctly, high-efficiency heating and cooling systems can save up to 25% on utility costs.



ENERGY STAR® Criteria:

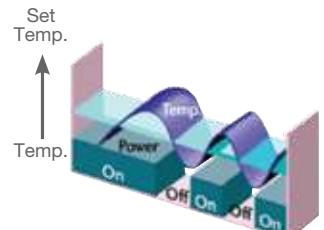
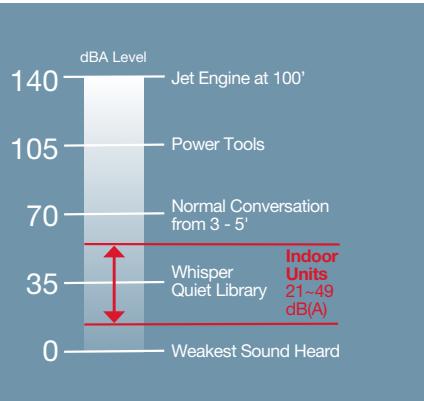
SEER \geq 15.0 EER \geq 12.5 HSPF \geq 8.5

*Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate indoor components to meet ENERGY STAR criteria. Ask your contractor for details or visit EnergyStar.gov.

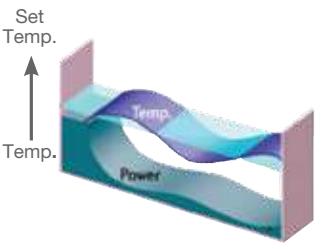
COMFORT AND CONVENIENCE

QUIET

Rheem® believes heating and cooling systems should be felt—not heard. Rheem Ductless Mini-Split Systems are so quiet you won't even know they're on. You can sleep well at night in a comfortable, peaceful environment. Also, our wall mount units feature Quiet Mode—extra-quiet fan speed to ensure you are not disturbed.



Conventional System



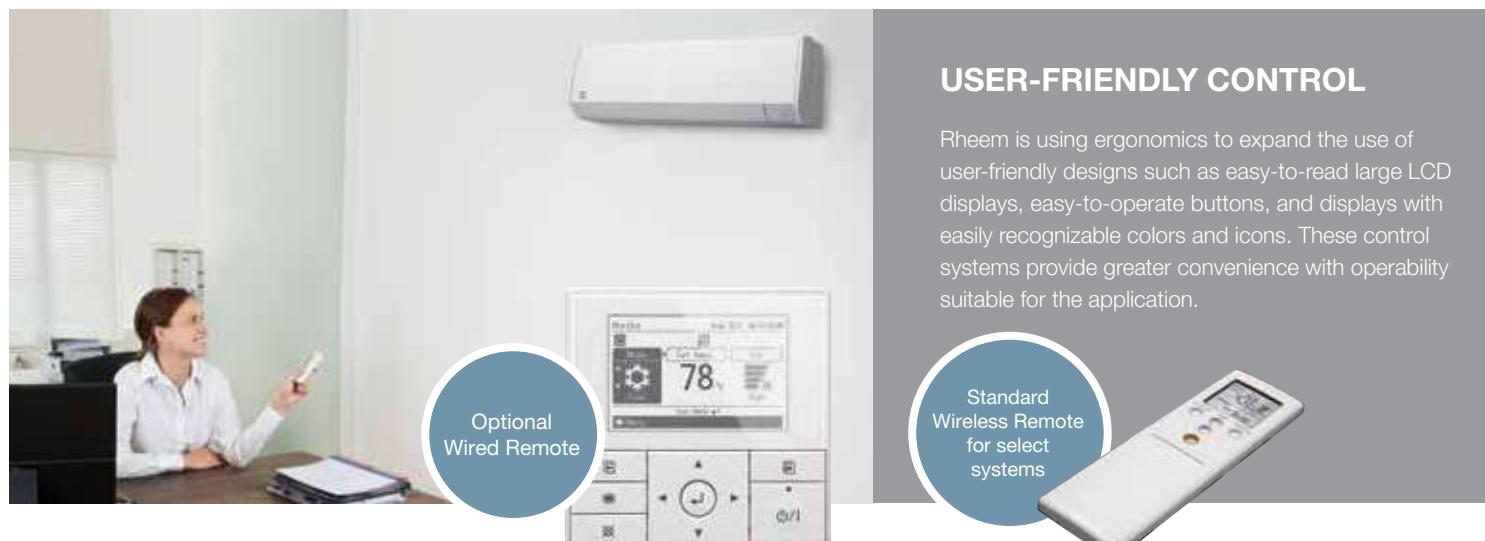
Inverter System

CONSTANT COMFORT THROUGH INVERTER TECHNOLOGY

Inverter technology found in Rheem Mini-Splits is like cruise control for your heating or cooling system. Compressors only run as fast as they need to handle the cooling or heating demand. They can handle greater extremes in temperature, are smoother and more stable in operation, and reach the desired temperature more quickly than conventional heat pumps.

Inverter Benefits

- More heat at lower outdoor temperatures
- Lower RPMs = quieter operation
- Desired temperature in half the time
- Stable temperature



USER-FRIENDLY CONTROL

Rheem is using ergonomics to expand the use of user-friendly designs such as easy-to-read large LCD displays, easy-to-operate buttons, and displays with easily recognizable colors and icons. These control systems provide greater convenience with operability suitable for the application.



Optional
Wired Remote

Standard
Wireless Remote
for select
systems

APPLICATIONS

Where can Rheem® Mini-Splits be used?

Convenience stores

Fast food chains

Fire houses

Police stations

Oil rigs

Bars

Sunrooms and additions

Warehouses

Nursing homes

Small offices

Older homes

New construction homes

Schools

Places of worship

Hospitals and medical facilities

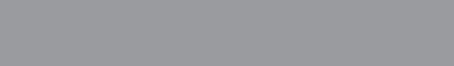
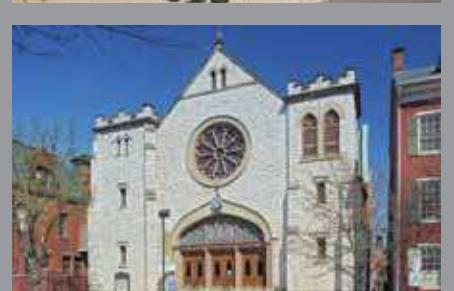
Restaurants

Computer rooms

Hotels and motels

Car washes

ATM vestibules



Just about any place that requires comfort!



LOW TEMPERATURE HEATING OPERATION

NOT ALL HEATING SYSTEMS ARE CREATED EQUAL

Without the right technology, a system won't work when its needed most.

PROTECTION FROM WINTER'S COLDEST TEMPERATURES

When the temperature drops you don't want to be left in the cold. It's important to choose a heat pump system rated for the climate you live in. If your system doesn't operate in severe conditions you and your family could be left without any heat at all.

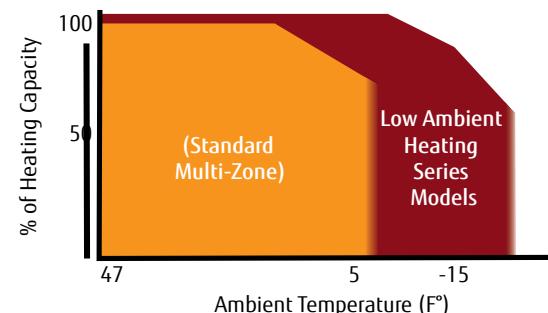
Rheem's line of mini-split heat pumps come in different sizes, styles, and rated outdoor temperatures. The Low Temperature Heating Operation Series features outdoor condensing units engineered to operate in temperatures down to -15°F.



Without the right technology, condensate freezes to the bottom of the unit and reduces its efficiency and heating output.

IMPROVED HEATING CAPACITY

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor.



HIGH PERFORMANCE HEATING

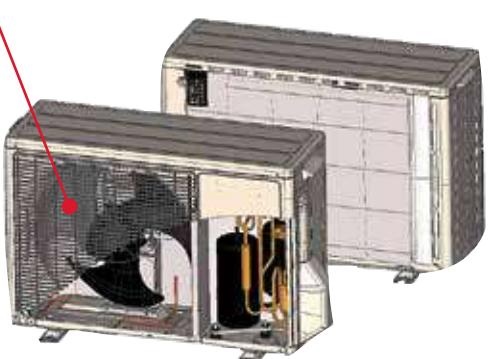
Rheem® low temperature heating operation units feature large heat exchangers and high capacity compressors. This gives our low temperature heating operation heat pumps the ability to extract heat even at very low outdoor temperatures. For example, at an indoor setpoint of 70°F, all AHHJ and AFFHJ models can deliver 100% or more of their rated heating capacity down to 3°F. All low temperature heating operation models also offer superior heating performance down to -15°F outdoor temperatures.



Rheem Low Temperature Heating Operation systems do not have a low temperature lockout, continuing to heat even below -15°F as conditions allow.

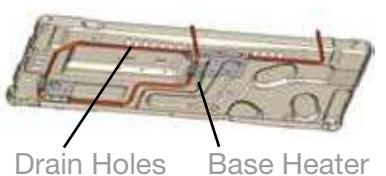
METAL FAN GUARD

While other models have a plastic fan guard, Low Temperature Heating Operation models use metal, which is most capable of withstanding the colder elements.



BASE PAN HEATER

- Equipped with a heater that prevents condensate from freezing
- Contoured base design discharges melted water through drain holes.
- Without a heater, freezing condensate can cause noise, damage to fan blade, condenser, and system performance.



FEATURE EXPLANATION

ENERGY SAVING

SEER

Seasonal Energy Efficiency Rating. Used to express efficiency of an AC or heat pump. A higher rating means more efficient.

HSPF

Heating Seasonal Performance Factor, measures the efficiency of heating portion of your heat pump.



Economy Mode

Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.



Energy Saver

Keeps room cool enough for comfort by using a relaxed thermostat setting reducing power consumption.



Energy Saving Program (ESP)

If a space is left without turning the unit off, ESP knows that it is unoccupied and 20 minutes later, temperature is adjusted accordingly until users return to the room. Function is disable in multi-zone installations.



ENERGY STAR® Qualified

Qualified products and practices help you save money and reduce greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.



Minimum Heat Mode

Sets room temperature to 50°F, keeping temperatures above freezing and reducing power consumption.

COMFORT



Auto Changeover (heating to cooling or vice-versa)*

Automatically alternates between heating or cooling if the room temperature falls 4°F below the set temperature when cooling or rises 4°F above set temperature when heating.



Auto Fan Mode

System starts in high fan speed and automatically adjusts downward as room begins to reach set temperature.



Auto Louver: 4 Way

Redirects airflow automatically with up / down and left / right motion.



Auto Louver: Up / Down

Redirects airflow automatically with seven position up and down motion which can be set to auto swing.



Auto Restart

Following a power failure, systems will automatically restart in the same operating mode as before, once power has been restored.



Dry Mode

This mode gives priority to reducing the level of humidity in the room, in conjunction with lowering the temperature.



Fresh Air Intake

Outside air can be introduced by attaching field supplied flexible duct to fresh air knockouts.



Outdoor Unit Low Noise+

Limits compressor and fan speed during high speed operation for noise reduction purposes.



Powerful Operation

20 minutes of continuous operation at maximum airflow and maximum compressor speed. Rapid cooling and heating makes the room comfortable quickly.



Quiet Mode (Indoor Unit)

An extra quiet fan speed to make sure you are not disturbed.

* Function is bypassed during defrost and at low speed operation. This feature may limit cooling / heating capacity during high / low ambient conditions and increase energy consumption as system may need to operate longer due to reduced compressor speed.

* Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.

CONVENIENCE

24 Hour Timer

Allows for one on / off cycle during a 24 hour period.

Sleep Timer

Automatically adjusts the temperature while you sleep to make you more comfortable.

Weekly Timer

Allows you to set on / off time twice a day and a different on / off time by day.

PERFORMANCE

Apple Catechin Filter (polyphenol ingredient from apples)

Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited. 3-12 month life expectancy.

Cold Prevention

Indoor coil will warm prior to fan operating, preventing cold air during heating mode.

100% @ +5°F

Delivers 100% of rated heating capacity at +5°F (-15°C).

High Ceiling Mode

Temperature at the top of a high ceiling room may be warmer than the space occupied; this mode adjusts for this difference.

Ion Deodorizing Filter

Deodorizes by decomposing absorbed odors using the oxidizing and reducing effects of ions generated by fine ceramic particles. 3 year life expectancy. Wash to restore surface action.

Pump Down Operation

Collects all refrigerant in system back into the outdoor unit when the unit is to be moved or before servicing the refrigerant circuit.

Remote Temperature Sensor

Room temperature sensor is located in optional wired remote control only.

I/O Third Party Device Control

Turns system on or off using a normally closed circuit. Interface with third party devices such as home automation.

0°F Cooling

Can operate in cooling mode with outdoor temperatures as low as 0°F. Operation outside of factory specification is not recommended.

-5°F Cooling

Can operate in cooling mode with outdoor temperatures down to -5°F. Operation outside of factory specification is not recommended.

INSTALLATION

Base Pan Heater

Prevents condensate from freezing on the outdoor unit.

Blue Fin Heat Exchanger

Blue fin treatment to the outdoor unit's heat exchanger improves corrosion resistance.

Built-In Condensate Pump

Integrated into the indoor unit.

Daisy Chain

Ability to connect up to 16 identical style indoor units to one wired remote.

Long Piping Length

Long piping lengths between indoor and outdoor units provides flexibility and increased applications.

Slender Fit

Cassette body can be moved downward into the room 1-3/8" to accommodate limited ceiling space.

SINGLE-ZONE HEAT PUMP SYSTEMS

- Available only with optional wired remote control.

- Available only with optional Fresh Air Intake Kit.

- Available only with optional mesh. All intake kit.
- * See bottom of Page 17 for qualifying combinations.

See bottom of page 11 for quantifying combinations.
^ SEER and HSPF ratings depend on combination of inc.

+ Auto Changeover is not designed to provide rapid changeover times.

indoor unit unless all indoor units have similar heating

Standard warranty is 5 year Parts / 7 year Compressor.
Protections in roofwood (rooftop unit 2000) for Complet

registration is required (registermyunit.com) For Complete
Warranty Certificate

SINGLE-ZONE AND MULTI-ZONE SYSTEMS LINEUP

Minimum Ambient Cooling Temperature:  Minimum Ambient Heating Temperature: 

SINGLE-ZONE DUCTLESS HEAT PUMP SYSTEMS											
BTU	9,000	12,000	15,000	18,000		24,000	30,000	36,000	42,000	48,000	
Prestige® Series Wall Mount	   	   	   								
Prestige Series Wall Mount Low Temp Htg Op.	   	   	   	   	   	   	   				
Classic Plus® Series Wall Mount	   	   		   	   	   					
Classic® Series Wall Mount	   	   		   	   	   	   	   			
Prestige Series Floor Mount	   	   	   	   							
Prestige Series Floor Mount Low Temp Htg. Op.	   	   	   	   							
Classic Series Compact Cassette ¹	   	   		   	   						
Classic Series Slim Duct	   	   		   	   						
Classic Series Universal Mount / Ceiling Only				   	   	   					
Classic Series Large Cassette Circular Flow				   	   	   	   	   			

MULTI-ZONE DUCTLESS HEAT PUMPS - INDOOR UNITS						
BTU	7,000	9,000	12,000	15,000	18,000	24,000
Classic Plus Series Compact Wall Mount	 	 	 	 		
Classic Plus Series Large Wall Mount				 	 	 
Classic Series Slim Duct	 	 <img alt="Indoor unit icon" data-bbox="250 785 280 798				

SINGLE-ZONE DUCTLESS MINI-SPLIT SYSTEMS

Making the hottest places cool
and the coolest places more comfortable

- Extensive lineup from 9,000 to 48,000 BTU
- 38 different systems available in 7 indoor unit styles
- Energy efficient systems with SEER ratings as high as 33.0 and HSPF as high as 14.2
- 26 ENERGY STAR® qualified systems

- Inverter Technology is used in all systems
- All systems feature environmentally friendly R410A refrigerant
- Quiet operation with indoor units as low as 21dB and outdoor units as low as 47dB

9, 12, 15,000 BTU/HR WALL MOUNT HEAT PUMPS



¹Available only with optional wired Remote Control and optional interface kit.

²Available only with optional interface kit. Operation monitoring and On / Off control only.

³Low temperature heating operation models only

ENERGY SAVING PROGRAM

These Rheem® systems know how to save you money even when you forget. If you leave the room without turning the unit off, ESP knows that you left and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to previous operating mode. This prevents wasteful operation to save energy without you having to think about it. This feature can be deactivated if chosen.



HIGH PERFORMANCE HEATING

The AHWJ model can operate down to -5°F. The AHHJ can operate down to -15°F. See the full low temperature heating operation story on page 12.

OPTIONAL ACCESSORIES

- Wired Remote Control: RXRVNUM
- Wired Remote Control: RXRNNUM
- Simple Remote Control: RXRSNUM
- Interface Kit: RXTWBXF1
- Dry Contact Wire Kit: RXWZXZ5

SYSTEMS 09AHWJ, 12AHWJ, 15AHWJ

UP TO 33.0 SEER



Performance

Nominal Cooling	BTU/HR	9,000	12,000	14,500	9,000	12,000	14,500
Min.-Max. Cooling	BTU/HR	3,100~12,000	3,100~13,600	3,100~18,400	3,100~12,000	3,100~13,600	3,100~18,400
Nominal Heating	BTU/HR	12,000	16,000	18,000	12,000	16,000	18,000
Min.-Max. Heating	BTU/HR	3,100~22,000	3,100~22,100	3,100~23,900	3,100~22,000	3,100~22,100	3,100~23,900
SEER		33.0	29.3	25.3	33.0	29.3	25.3
HSPF		14.2	14.0	13.4	14.0	13.8	13.3
EER		18.0	15.2	13.9	18.0	15.2	13.9
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)	-15~75 (-26~24)	-15~75 (-26~24)	-15~75 (-26~24)
Moisture Removal	Pt./h (l/h)	2.6 (1.2)	2.7 (1.3)	4.0 (1.9)	2.6 (1.2)	2.7 (1.3)	4.0 (1.9)
Max Htg % of Model # Capacity at +5°F (-15°C)*		171%	138%	140%	171%	138%	140%
Max Htg % of Model # Capacity at -5°F (-21°C)*		156%	125%	124%	156%	125%	124%
Max Htg % of Model # Capacity at -15°F (-26°C)*		--	--	--	123%	98%	109%

Fan

Air Circulation: Hi	CFM (m3/h)	489 (830)	489 (830)	547 (930)	489 (830)	489 (830)	547 (930)
Air Circulation: Medium	CFM (m3/h)	400 (680)	400 (680)	459 (780)	400 (680)	400 (680)	459 (780)
Air Circulation: Low	CFM (m3/h)	341 (580)	341 (580)	371 (630)	341 (580)	341 (580)	371 (630)
Quiet	CFM (m3/h)	224 (380)	224 (380)	Clg 259 (440) Htg 294 (500)	224 (380)	224 (380)	Clg 259 (440) Htg 294 (500)
Fan Speed Stage		4+Auto	4+Auto	4+Auto	4+Auto	4+Auto	4+Auto

Sound

Indoor Level (Clg/Htg): Hi	dB(A)	42/41	42/41	45/45	42/41	42/41	45/45
Indoor Level (Clg/Htg): Medium	dB(A)	37/35	37/35	40/39	37/35	37/35	40/39
Indoor Level (Clg/Htg): Low	dB(A)	32/31	32/31	34/33	32/31	32/31	34/33
Quiet	dB(A)	23/23	23/23	26/27	23/23	23/23	26/27
Outdoor Level Clg/Htg	dB(A)	42/47	43/47	49/50	42/47	43/47	49/50

Electrical

Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	15	15	20	15	15	20
Current Rated / Max: Cooling	Amps	2.5/9.4	3.8/9.4	4.8/9.9	2.5/9.4	3.8/9.4	4.8/9.9
Current Rated / Max: Heating	Amps	3.3/10.0	4.7/11.9	5.2/13.9	3.3/10.0	4.7/11.9	5.2/13.9
Power Use Rated / Max: Cooling	kW	0.50/0.85	0.79/0.99	1.04/1.56	0.50/0.85	0.79/0.99	1.04/1.56
Power Use Rated / Max: Heating	kW	0.66/1.93	1.01/1.94	1.15/2.19	0.66/1.93	1.01/1.94	1.15/2.19

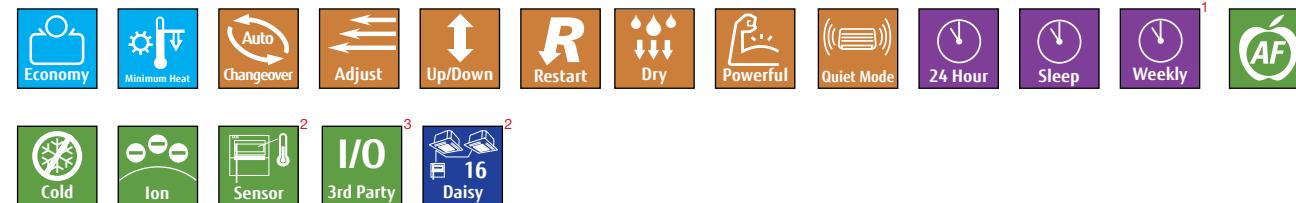
Size & Weight

Net Weight	lbs. (kg)	31 (14)	84 (38)	31 (14)	84 (38)	31 (14)	86 (39)	31 (14)	86 (39)	31 (14)	88 (40)
Height	Inch	11-5/8	24-7/16	11-5/8	24-7/16	11-5/8	24-7/16	11-5/8	24-7/16	11-5/8	24-7/16
	mm	295	620	295	620	295	620	295	620	295	620
Width	Inch	37	31-1/8	37	31-1/8	37	31-1/8	37	31-1/8	37	31-1/8
	mm	940	790	940	790	940	790	940	790	940	790
Depth	Inch	10-5/8	11-7/16	10-5/8	11-7/16	10-5/8	11-7/16	10-5/8	11-7/16	10-5/8	11-7/16
	mm	270	290	270	290	270	290	270	290	270	290
Refrigerant		R410A		R410A		R410A		R410A		R410A	

Additional Data

Air Direction: Horizontal		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Direction: Vertical		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Air Filter		Washable	Washable	Washable	Washable	Washable	Washable
Minimum Lineset Length	Ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)
Maximum Lineset Length	Ft (m)	66 (20) (pre-charge: 49')					
Max. Vertical Diff.	Ft (m)	49 (15)	49 (

9 AND 12,000 BTU/HR WALL MOUNT HEAT PUMPS

SYSTEMS
09AFWJ, 12AFWJ

¹Available only with optional wired remote control.

²Available only with optional wired remote control and optional interface kit.

³Available only with optional interface kit. Operation monitoring and On / Off control only.

BUILT IN FILTRATION



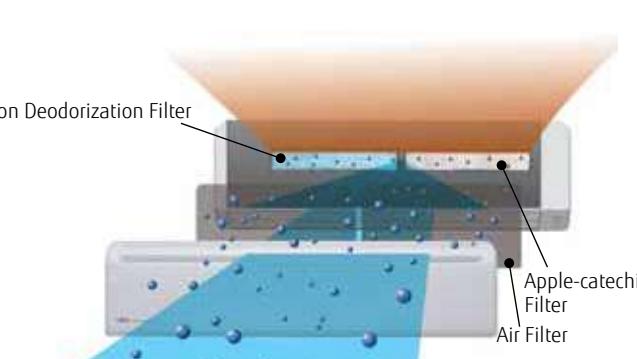
LONG-LIFE ION DEODORIZATION FILTER

The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine particle ceramic. The filter can be used for approximately 3 years if it is washed with water when dirty to restore its surface action.



APPLE CATECHIN FILTER

Dust, mold spores and micro-organisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated. Filter lasts 3-12 months.



OPTIONAL ACCESSORIES

- Wired Remote Control: RXRVNUM*
- Wired Remote Control: RXRNNUM*
- Simple Remote Control: RXRSNUM*
- Dry Contact Wire Kit: RXXWZXZ5
- Interface Kit: RXXCBXZ2

*Wall mounted RIWH09, 12AVFJ require accessory interface kit #RXXCBXZ2 in order to connect these devices to them.

UP TO 23 SEER

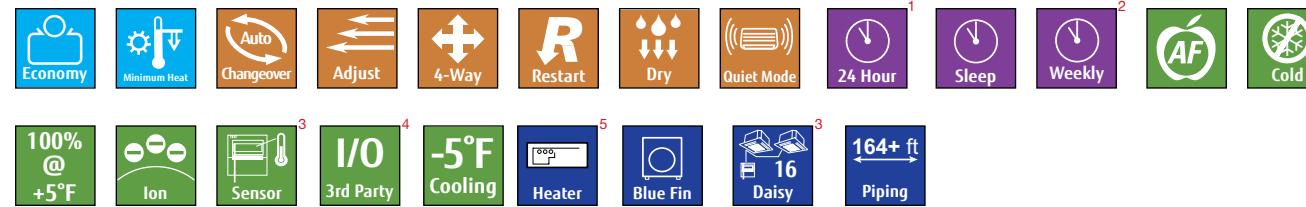


Performance					
Nominal Cooling	BTU/HR	9,000	12,000		
Min.-Max. Cooling	BTU/HR	1,700-10,900	3,100-13,300		
Nominal Heating	BTU/HR	12,000	16,000		
Min.-Max. Heating	BTU/HR	1,700-15,000	3,100-19,100		
SEER		23.0	22.0		
HSPF		11.0	11.0		
EER		13.8	12.5		
Cooling Operating Range	°F (°C)	14-115 (-10-46)	14-115 (-10-46)		
Heating Operating Range	°F (°C)	5-75 (-15-24)	5-75 (-15-24)		
Moisture Removal	Pt./h (l/h)	2.75 (1.3)	3.80 (1.8)		
Fan					
Air Circulation: Hi	CFM (m ³ /h)	441 (750)	441 (750)		
Air Circulation: Medium	CFM (m ³ /h)	376 (640)	376 (640)		
Air Circulation: Low	CFM (m ³ /h)	282 (480) Clg 306 (520) Htg	282 (480) Clg 306 (520) Htg		
Quiet	CFM (m ³ /h)	182 (310) Clg 194 (330) Htg	182 (310) Clg 194 (330) Htg		
Fan Speed Stage		4+Auto	4+Auto		
Sound					
Indoor Sound Level (Clg/Htg): Hi	dB(A)	43/43	43/43		
Indoor Sound Level (Clg/Htg): Medium	dB(A)	40/38	40/38		
Indoor Sound Level (Clg/Htg): Low	dB(A)	32/33	32/33		
Quiet	dB(A)	21/22	21/22		
Outdoor Sound Level Clg/Htg	dB(A)	48/48	49/49		
Electrical					
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1		
Circuit Breaker	Amps	20	20		
Current Rated / Max: Cooling	Amps	3.2/6.0	4.4/6.5		
Current Rated: Heating	Amps	4.2/7.5	5.9/9.0		
Power Use Rated / Max: Cooling	kW	0.65/1.27	0.96/1.40		
Power Use Rated: Heating	kW	0.89/1.60	1.28/1.99		
Size & Weight					
Net Weight	lbs. (kg)	18 (8)	60 (27)	18 (8)	80 (36)
Height	Inch	10-1/2	21-1/4	10-1/2	21-1/4
	mm	268	540	268	540
Width	Inch	33-1/16	26	33-1/16	31
	mm	840	660	840	790
Depth	Inch	8	11-7/16	8	11-7/16
	mm	203	290	203	290
Refrigerant					
		R410A	R410A		
Additional Data					
Air Direction: Horizontal		Manual	Manual		
Air Direction: Vertical		Automatic	Automatic		
Air Filter		Washable	Washable		
Minimum Lineset Length	Ft (m)	10 (3)	10 (3)		
Maximum Lineset Length	Ft (m)	66 (20.1) (pre-charge: 49')	66 (20.1) (pre-charge: 49')		
Max. Vertical Diff.	Ft (m)	49 (15)	49 (15)		
Lineset Size	Inch	suc.3/8	dis.1/4	suc.3/8	dis.1/4

Indoor RIWH09AVFJ	Outdoor ROSH09AFWJ	Indoor RIWH12AVFJ	Outdoor ROSH12AFWJ
----------------------	-----------------------	----------------------	-----------------------

Note: Figures are based on 230 Volts.

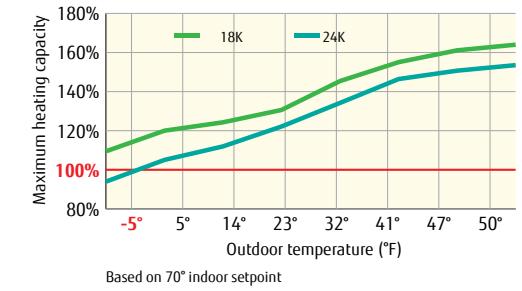
18 AND 24,000 BTU/HR WALL MOUNT HEAT PUMPS

¹AXFWJ systems only.²AXFWJ systems require optional wired remote control.³Available only with optional wired remote control.

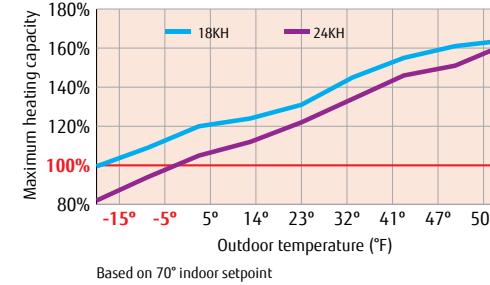
HIGH PERFORMANCE HEATING CAPACITY

Stay comfortable at low ambient temperatures! The AXFWJ systems can deliver 100% or more of rated heating capacity at 5°F (-15°C) and operates down to -5°F (-21°C).

The AHXHJ model can operate down to -15°F. See the full Low Temperature Heating Operation story on page 12.



AXFWJ



AHXHJ

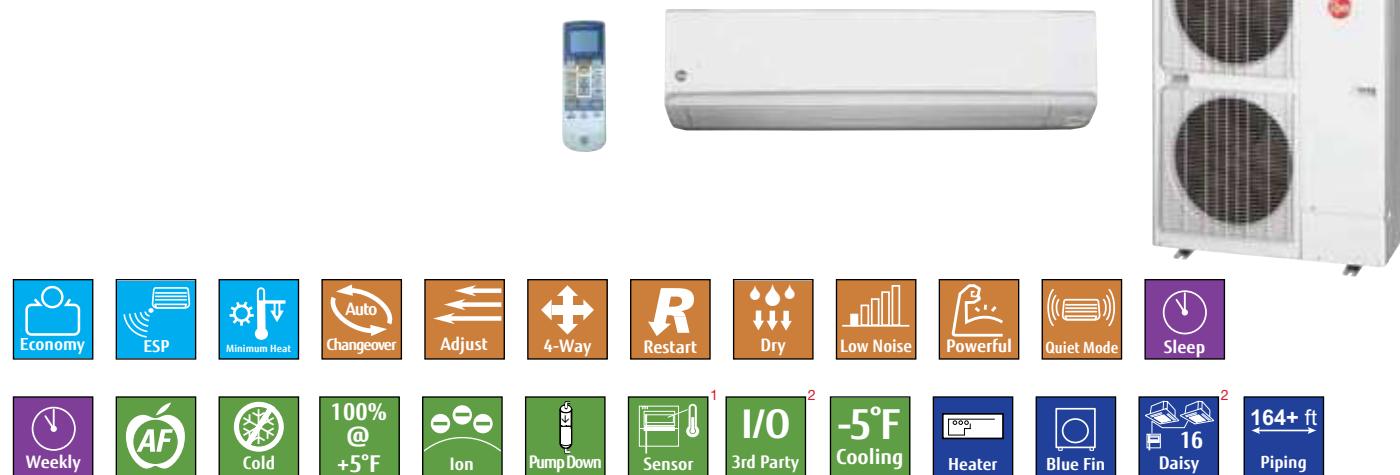
SYSTEMS | LOW TEMP HEATING SYSTEMS
18AXFWJ, 24AXFWJ
18AHXHJ, 24AHXHJ

UP TO 20 SEER

18AXFWJ	24AXFWJ	18AHXHJ	24AHXHJ	
Performance				
Nominal Cooling BTU/HR 18,000 22,000 18,000 22,000				
Min.-Max. Cooling BTU/HR	7,000~23,000 9,900~27,300 7,000~23,000 9,900~27,300			
Nominal Heating BTU/HR	21,600 25,200 21,600 25,200			
Min.-Max. Heating BTU/HR	7,000~29,000 7,500~36,200 7,000~29,000 7,500~36,200			
SEER	20.0 19.5 20.0 19.5			
HSPF	10.5 10.6 10.4 10.5			
EER	13.3 12.5 13.3 12.5			
Cooling Operating Range °F (°C)	-5~115 (-20~46)	-5~115 (-20~46)	-5~115 (-20~46)	-5~115 (-20~46)
Heating Operating Range °F (°C)	-5~75 (-20~24)	-5~75 (-20~24)	-15~75 (-26~24)	-15~75 (-26~24)
Moisture Removal Pt./h (l/h)	5.9 (2.8) 6.3 (3.0) 5.9 (2.8) 6.3 (3.0)			
Max Htg % of Model # Capacity at +5°F (-15°C)*	120%	105%	120%	105%
Max Htg % of Model # Capacity at -5°F (-21°C)*	109%	94%	109%	94%
Max Htg % of Model # Capacity at -15°F (-26°C)*	-	-	100%	82%
Fan				
Air Circulation: Hi CFM (m3/h)	541 (920) Clg 659 (1,120) Htg 677 (1,150)	541 (920)	Clg 659 (1,120) Htg 677 (1,150)	
Air Circulation: Medium CFM (m3/h)	435 (740) 530 (900)	435 (740)	530 (900)	
Air Circulation: Low CFM (m3/h)	365 (620) 435 (740)	365 (620)	435 (740)	
Quiet CFM (m3/h)	Clg 306 (520) Htg 318 (540) 365 (620)	Clg 306 (520) Htg 318 (540)	365 (620)	
Fan Speed Stage	4+Auto 4+Auto	4+Auto	4+Auto	
Sound				
Indoor Level (Clg/Htg): Hi dB(A)	43/44 49/49	43/44	49/49	
Indoor Level (Clg/Htg): Medium dB(A)	37/37 42/42	37/37	42/42	
Indoor Level (Clg/Htg): Low dB(A)	33/33 37/37	33/33	37/37	
Quiet dB(A)	28/28 33/33	28/28	33/33	
Outdoor Level Clg/Htg dB(A)	47/50 54/55	47/50	54/55	
Electrical				
Voltage / Frequency / Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker Amps	20 30	20	20	20
Current Rated / Max: Cooling Amps	6.2/13.5 7.9/15.0	6.2/13.5	7.9/15.0	8.6/15.5
Current Rated / Max: Heating Amps	7.8/14.5 8.6/15.5	7.8/14.5	8.6/15.5	8.6/15.5
Power Use Rated / Max: Cooling kW	1.35/3.01 1.76/3.42	1.35/3.01	1.76/3.42	1.76/3.42
Power Use Rated / Max: Heating kW	1.80/3.23 2.38/3.53	1.75/3.23	1.94/3.53	1.94/3.53
Size & Weight				
Net Weight lbs. (kg)	31 (14) 134 (61) 31 (14) 134 (61)	31 (14)	135 (61)	31 (14) 135 (61)
Height Inch	12-5/8 32-3/4	12-5/8	32-3/4	12-5/8 32-3/4
	mm 320 830	320	830	320 830
Width Inch	39-1/4 35-3/8	39-1/4	35-3/8	39-1/4 35-3/8
	mm 998 900	998	900	998 900
Depth Inch	9 13	9	13	9 13
	mm 228 330	228	330	228 330
Refrigerant	R410A	R410A	R410A	R410A
Additional Data				
Air Direction: Horizontal	Automatic	Automatic	Automatic	Automatic
Air Direction: Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Minimum Lineset Length Ft (m)	16 (5)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length Ft (m)	164 (50) (pre-charge: 66")	164 (50) (pre-charge: 66")	164 (50) (pre-charge: 65")	164 (50) (pre-charge: 65")
Max. Vertical Diff. Ft (m)	98 (30)	98 (30)	98 (30)	98 (30)
Lineset Size Inch	suc.5/8 dis.3/8	suc.5/8 dis.3/8	suc.5/8 dis.3/8	suc.5/8 dis.3/8
Indoor RIWH18AVFJ Outdoor ROSH18AVFJ Indoor RIWH24AVFJ Outdoor ROSH24AVFJ Indoor RIWH18AHXHJ Outdoor ROSH18AHXHJ Indoor RIWH24AHXHJ Outdoor ROSH24AHXHJ				
* Based on model # capacity class (e.g. 09AHWJ based on 9,000 BTU/HR) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.				

Note: Figures are based on 230 Volts.

30,000 BTU/HR WALL MOUNT HEAT PUMP

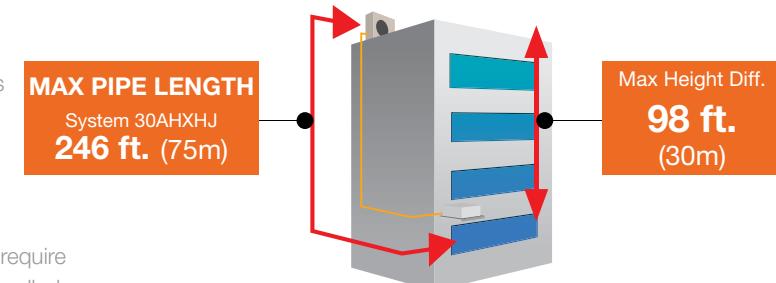


¹Available only with optional wired remote control.

²Available only with optional Interface kit.

EXTENDED LINESET

Long piping lengths between indoor and outdoor units provides flexibility and increased applications.



SERVER ROOM MODE

Server rooms can generate a tremendous amount of heat, and require cooling 24 hours a day. The strain of such a heat load is best handled with a redundant cooling system. Pairing two 30AHXHJ systems together in Server Room Mode offers a unique solution for keeping network servers cool.

Two 30AHXHJ systems can be set up to work together in Lead Lag[^] operation:

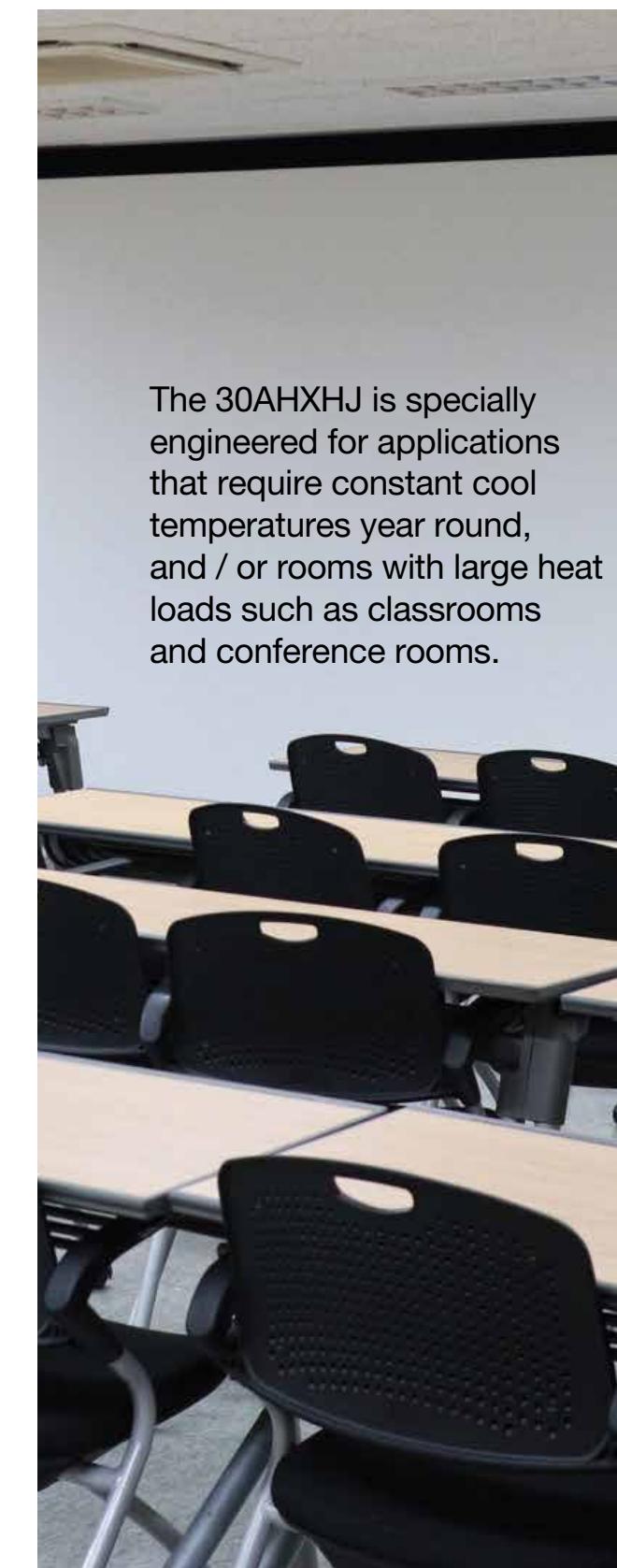
- Alternative Operation – units alternate operation, so neither unit is running at the same time.
- Backup Operation – if an error occurs on one unit, the second unit will turn on.
- Supporting Operation – if the setpoint cannot be reached with one unit alone, the second unit will come on to satisfy the demand for cooling.

[^]Wired remotes cannot be used when using this feature.

This includes RXRNRUZ1, RXRVNUM, RXRNNUM, RXRSNUM.

LOCK OUT FUNCTION

This feature is set by the contractor on behalf of the Commercial Property Owner to prevent either Cooling or Heating operation from occurring. This is not a function that can be set by a tenant, user, or homeowner.



HIGH PERFORMANCE HEATING CAPACITY

The AHXHJ model can operate down to -15°F. See the full Low Temperature Heating Operation story on page 12.

ADDITIONAL APPLICATIONS THAT MAY REQUIRE LOW AMBIENT COOLING

- Conference / Meeting / Training Rooms
- Social Gathering Spots
- Places of Worship

OPTIONAL ACCESSORIES

- Wired Touch Panel Remote Controller: RXRNRUZ2[^]
- Wired Remote Control: RXRVNUM[^]
- Wired Remote Control: RXRNNUM[^]
- Simple Remote Control: RXRSNUM[^]
- Dry Contact Wire Kit: RXXWZX
- Interface Kit: RXXCSXZ1
- Interface Kit Box: RXGXXB
- Outdoor Unit Input / Output Connector: RXXWZXZ3

LOW TEMP HEATING SYSTEM 30AHXHJ

UP TO 18.7 SEER

30AHXHJ
 ENERGY STAR

Performance		
Nominal Cooling	BTU/HR	30,000
Min.-Max. Cooling	BTU/HR	9,900-32,400
Nominal Heating	BTU/HR	32,000
Min.-Max. Heating	BTU/HR	8,000-37,500
SEER		18.7
HSPF		11.7
EER		12.5
Cooling Operating Range	°F (°C)	-5~115 (-20~46)
Heating Operating Range	°F (°C)	-15~75 (-26~24)
Moisture Removal	Pt./h (l/h)	9.7 (4.6)
Max Htg % of Model # Capacity at +5°F (-15°C)*		107%
Max Htg % of Model # Capacity at -5°F (-21°C)*		91%
Max Htg % of Model # Capacity at -15°F (-26°C)*		76%
Fan		
Air Circulation: Hi	CFM (m ³ /h)	812 (1,380)
Air Circulation: Medium	CFM (m ³ /h)	665 (1,130)
Air Circulation: Low	CFM (m ³ /h)	536 (910)
Quiet	CFM (m ³ /h)	418 (710)
Fan Speed Stage		4+Auto
Sound		
Indoor Sound Level (Clg/Htg): Hi	dB(A)	50/49
Indoor Sound Level (Clg/Htg): Medium	dB(A)	45/44
Indoor Sound Level (Clg/Htg): Low	dB(A)	38/38
Quiet	dB(A)	32/32
Outdoor Sound Level Clg/Htg	dB(A)	53/54
Electrical		
Voltage / Frequency / Phase		208-230/60/1
Circuit Breaker	Amps	30
Current Rated: Cooling	Amps	10.6
Current Rated: Heating	Amps	12.0
Power Use Rated / Max: Cooling	kW	2.40/3.83
Power Use Rated / Max: Heating	kW	2.74/4.28
Size & Weight		
Net Weight	lbs. (kg)	40 (18) 205 (93)
Height	Inch	13-3/8 50-13/16
	mm	340 1,290
Width	Inch	45-1/4 35-3/8
	mm	1,150 900
Depth	Inch	11 13
	mm	280 330
Refrigerant		R410A
Additional Data		
Air Direction: Horizontal		Automatic
Air Direction: Vertical		Automatic
Air Filter		Washable
Minimum Lineset Length	Ft (m)	16 (5)
Maximum Lineset Length	Ft (m)	246 (75) (pre-charge: 65')
Max. Vertical Diff.	Ft (m)	98 (30)
Lineset Size	Inch	suc.5/8 dis.3/8
Indoor RHW-30AHXHJ		Outdoor ROSH-30AHXHJ

*Based on model # capacity class (e.g. 09AHWJ based on 9,000 BTU/HR) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.

Note: Figures are based on 230 Volts.

9 AND 12,000 BTU/HR, 115V, WALL MOUNT HEAT PUMPS

SYSTEMS
09AVSA, 12AVSA

FUNCTION

Stylish, slim and elegant, these popular wall mounted units are designed for single rooms. Indoor units have a clean, aesthetic design and are small but mighty and shorter in length than competing units, helping them blend into any room.

EASY MAINTENANCE

Front panel is easily removed for cleaning.



APPLICATIONS

This category of equipment is ideal for smaller spaces where spot cooling or heating is required. Residential applications including sunrooms and additions are made easier with these 115 volt heat pumps. Do you have a warm or cool spot in your home? Rheem® Mini-Splits can provide extra cooling or heating capacity for those hard to cool areas. Commercially, their small size makes them ideal for small offices, providing individual temperature control.



16.0 SEER

	09AVSA	12AVSA			
Performance					
Nominal Cooling	BTU/HR	9,000	12,000		
Min.-Max. Cooling	BTU/HR	1,700~10,700	3,100~12,500		
Nominal Heating	BTU/HR	10,000	14,000		
Min.-Max. Heating	BTU/HR	1,700~12,000	3,100~16,000		
SEER		16.0	16.0		
HSPF		9.0	9.0		
EER		10.8	10.0		
Cooling Operating Range	°F (°C)	15~115 (-10~46)	15~115 (-10~46)		
Heating Operating Range	°F (°C)	15~75 (-10~24)	15~75 (-10~24)		
Moisture Removal	Pt./h (l/h)	2.7 (1.3)	3.8 (1.8)		
Fan					
Air Circulation: Hi	CFM (m ³ /h)	436 (740)	436 (740)		
Air Circulation: Medium	CFM (m ³ /h)	353 (600)	353 (600)		
Air Circulation: Low	CFM (m ³ /h)	265 (450)	265 (450)		
Quiet	CFM (m ³ /h)	191 (325)	191 (325)		
Fan Speed Stage		4 + Auto	4 + Auto		
Sound					
Indoor Sound Level (Clg/Htg): Hi	dB(A)	43/43	43/43		
Indoor Sound Level (Clg/Htg): Medium	dB(A)	38/38	38/38		
Indoor Sound Level (Clg/Htg): Low	dB(A)	33/33	33/33		
Quiet	dB(A)	23/23	23/23		
Outdoor Sound Level Clg/Htg	dB(A)	47/48	51/51		
Electrical					
Voltage / Frequency / Phase		115/60/1	115/60/1		
Circuit Breaker	Amps	15	20		
Current Rated: Cooling	Amps	7.5	10.9		
Current Rated: Heating	Amps	7.0	11.0		
Power Use Rated: Cooling	kW	0.83	1.20		
Power Use Rated: Heating	kW	0.77	1.21		
Size & Weight					
Net Weight	lbs. (kg)	16 (7)	64 (29)	16 (7)	69 (31)
Height	Inch	10-5/16	21-1/4	10-5/16	21-1/4
	mm	262	540	262	540
Width	Inch	32-9/32	26	32-9/32	26
	mm	820	660	820	660
Depth	Inch	8-1/8	11-11/32	8-1/8	11-11/32
	mm	206	290	206	290
Refrigerant		R410A		R410A	
Additional Data					
Air Direction: Horizontal		Manual		Manual	
Air Direction: Vertical		Automatic		Automatic	
Air Filter		Washable		Washable	
Minimum Lineset Length	Ft (m)	10 (3)		10 (3)	
Maximum Lineset Length	Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')	
Max. Vertical Diff.	Ft (m)	49 (15)		49 (15)	
Lineset Diameter	Inch	suc.3/8	dis.1/4	suc.3/8	dis.1/4
Indoor RIWH09AVSA		Outdoor ROSH09AVSA		Indoor RIWH12AVSA	
Indoor RIWH09AVSA		Outdoor ROSH12AVSA		Indoor RIWH12AVSA	

Note: Figures are based on 115 Volts.

18, 24, 30, 36,000 BTU/HR WALL MOUNT HEAT PUMPS



¹Available only with optional wired remote control.

²Available only with optional Interface kit.

³AXJ models only.

FUNCTION

Stylish, slim and elegant, these wall mounted ductless heat pumps are designed for single rooms. Ideal for spaces requiring additional capacity but are limited on space. With more efficient zone control, ductless mini-splits are perfect for renovations, restorations, conversions, and add-ons.

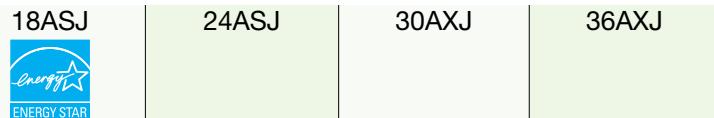
OPTIONAL ACCESSORIES

- Wired Remote Control: RXRVNUM
- Wired Remote Control: RXRNNUM
- Simple Remote Control: RXRSNUM
- Dry Contact Wire Kit: RXWZX

LOCK OUT FUNCTION

This feature is set by the contractor on behalf of the Commercial Property Owner to prevent either Cooling or Heating operation from occurring. This is not a function that can be set by a tenant, user, or homeowner.

UP TO 19.0 SEER



Performance		18ASJ	24ASJ	30AXJ	36AXJ
Nominal Cooling	BTU/HR	18,000	24,000	30,000	33,000
Min.-Max. Cooling	BTU/HR	3,100~19,000	3,100~25,000	9,900~32,400	9,900~34,100
Nominal Heating	BTU/HR	18,000	24,000	30,000	34,000
Min.-Max. Heating	BTU/HR	7,000~20,000	7,500~27,000	8,000~33,000	10,200~35,000
SEER		19.0	18.0	16.5	15.5
HSPF		10.6	10.6	9.0	9.0
EER		12.5	10.0	9.5	8.5
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)
Moisture Removal	Pt./h (l/h)	4.0 (1.9)	6.3 (3.0)	9.7 (4.6)	10.1 (4.8)
Fan		18ASJ	24ASJ	30AXJ	36AXJ
Air Circulation: Hi	CFM (m3/h)	542 (920)	659 (1,120) Clg 647 (1,100) Htg	659 (1,120) Clg 677 (1,150) Htg	695 (1,180)
Air Circulation: Medium	CFM (m3/h)	439 (740)	530 (900)	530 (900)	530 (900)
Air Circulation: Low	CFM (m3/h)	365 (620)	436 (740)	436 (740)	436 (740)
Quiet	CFM (m3/h)	306 (520)	365 (620)	365 (620)	365 (620)
Fan Speed Stage		4+Auto	4+Auto	4+Auto	4+Auto
Sound		18ASJ	24ASJ	30AXJ	36AXJ
Indoor Sound Level (Clg/Htg): Hi	dB(A)	42/43	47/47	47/49	50/50
Indoor Sound Level (Clg/Htg): Medium	dB(A)	35/36	41/42	42/42	42/42
Indoor Sound Level (Clg/Htg): Low	dB(A)	31/33	35/36	37/37	37/37
Quiet	dB(A)	26/28	31/33	32/33	32/33
Outdoor Sound Level Clg/Htg	dB(A)	51/50	54/55	52/55	52/55
Electrical		18ASJ	24ASJ	30AXJ	36AXJ
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	15	20	30	30
Current Rated / Max: Cooling	Amps	6.4/8.3	10.5/11.8	13.8/16.8	17.0/18.0
Current Rated / Max: Heating	Amps	5.8/11.8	8.5/13.8	12.3/18.8	14.8/18.8
Power Use Rated: Cooling	kW	1.44/1.89	2.40/2.69	3.16/3.83	3.88/4.10
Power Use Rated: Heating	kW	1.29/2.69	1.93/3.14	2.80/4.28	3.39/4.28
Size & Weight		18ASJ	24ASJ	30AXJ	36AXJ
Net Weight	lbs. (kg)	31 (14)	86 (39)	31 (14)	86 (39)
Height	Inch	12-5/8	24-7/16	12-5/8	24-7/16
	mm	320	620	320	620
Width	Inch	39-5/16	31-1/8	39-5/16	31-1/8
	mm	998	790	998	790
Depth	Inch	9	11-7/16	9	11-7/16
	mm	228	290	228	290
Refrigerant		R410A	R410A	R410A	R410A
Additional Data		18ASJ	24ASJ	30AXJ	36AXJ
Air Direction: Horizontal		Automatic	Automatic	Automatic	Automatic
Air Direction: Vertical		Automatic	Automatic	Automatic	Automatic
Air Filter		Washable	Washable	Washable	Washable
Minimum Piping Length	Ft (m)	10 (3)	10 (3)	16 (5)	16 (5)
Maximum Piping Length	Ft (m)	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	165 (50) (pre-charge: 66')	165 (50) (pre-charge: 66')
Maximum Vertical Differential	Ft (m)	49 (15)	49 (15)	98 (30)	98 (30)
Lineset Size	Inch	suc.1/2	dis.1/4	suc.5/8	dis.3/8
		suc.1/2	dis.1/4	suc.5/8	dis.3/8



Note: Figures are based on 230 Volts.

9, 12, 15,000 BTU/HR FLOOR MOUNT HEAT PUMPS

¹Available with optional wired remote control.²AFFHJ models only.

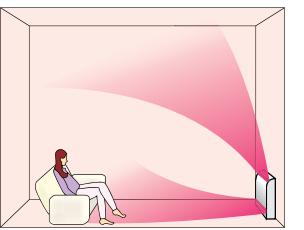
IDEAL RADIATOR REPLACEMENT



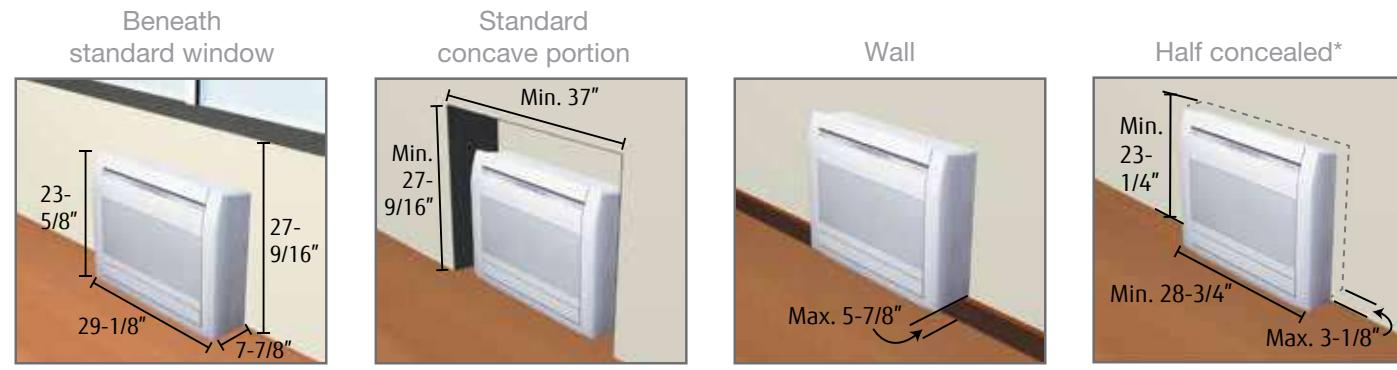
At less than 24" high and 30" wide, floor mount models fit easily under a standard window and can replace a radiator twice its size while producing more capacity.

TWO FANS AND WIDE AIRFLOW

Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in "Upward Airflow Only" when occupants wish not to have feet warmed or cooled.



FLEXIBLE AND EASY INSTALLATION



*Field supplied insulation required

SYSTEMS | LOW TEMP HEATING SYSTEMS
09AFFJ, 12AFFJ, 15AFFJ | 09AFFHJ, 12AFFHJ, 15AFFHJ

UP TO 26 SEER



Performance							
Nominal Cooling	BTU/HR	9,000	12,000	14,200	9,000	12,000	14,200
Min.-Max. Cooling	BTU/HR	3,100~13,000	3,100~14,300	3,100~17,700	3,100~13,000	3,100~14,300	3,100~17,700
Nominal Heating	BTU/HR	12,000	16,000	18,000	12,000	16,000	18,000
Min.-Max. Heating	BTU/HR	3,100~18,800	3,100~22,100	3,100~23,900	3,100~18,800	3,100~19,500	3,100~20,800
SEER		26.0	22.7	20.3	26.0	22.7	20.3
HSPF		12.6	11.6	11.2	12.4	11.3	11.0
EER		16.0	13.1	12.5	16.0	13.1	12.5
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)	-15~75 (-26~24)	-15~75 (-26~24)	-15~75 (-26~24)
Moisture Removal	Pt./h (l/h)	2.75 (1.3)	3.8 (1.8)	4.44 (2.1)	2.75 (1.3)	3.8 (1.8)	4.44 (2.1)
Max Htg % of Model # Capacity at +5°F (-15°C)*		149%	125%	118%	149%	125%	118%
Max Htg % of Model # Capacity at -5°F (-21°C)*		130%	111%	107%	130%	111%	107%
Max Htg % of Model # Capacity at -15°F (-26°C)*		--	--	--	115%	100%	96%
Fan							
Air Circulation: Hi	CFM (m3/h)	335 (570)	335 (570)	383 (650)	335 (570)	335 (570)	383 (650)
Air Circulation: Medium	CFM (m3/h)	271 (460)	271 (460)	306 (520)	271 (460)	271 (460)	306 (520)
Air Circulation: Low	CFM (m3/h)	212 (360)	212 (360)	235 (400)	212 (360)	212 (360)	235 (400)
Quiet	CFM (m3/h)	159 (270)	159 (270)	159 (270)	159 (270)	159 (270)	159 (270)
Fan Speed Stage		4+Auto	4+Auto	4+Auto	4+Auto	4+Auto	4+Auto
Sound							
Indoor Level (Clg/Htg): Hi	dB(A)	40/40	40/40	44/43	40/40	40/40	44/43
Indoor Level (Clg/Htg): Medium	dB(A)	35/35	35/35	38/37	35/35	35/35	38/37
Indoor Level (Clg/Htg): Low	dB(A)	29/29	29/29	31/29	29/29	29/29	31/29
Quiet	dB(A)	23/23	23/23	23/23	23/23	23/23	23/23
Outdoor Level Clg/Htg	dB(A)	50/50	52/52	54/54	50/50	52/52	54/54
Electrical							
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	15	15	20	15	15	20
Current Rated: Cooling	Amps	2.9	4.2	5.1	2.9	4.2	5.1
Current Rated: Heating	Amps	4.1	6.7	7.0	4.1	6.7	7.0
Power Use Rated: Cooling	kW	.56	.97	1.13	.56	.97	1.13
Power Use Rated: Heating	kW	.88	1.44	1.58	.88	1.44	1.58
Size & Weight							
Net Weight	lbs. (kg)	31 (14)	84 (38)	31 (14)	84 (38)	31 (14)	86 (39)
Height	Inch	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16
	mm	600	620	600	620	600	620
Width	Inch	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8
	mm	740	790	740	790	740	790
Depth	Inch	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16
	mm	200	290	200	290	200	290
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Additional Data							
Air Direction: Horizontal		Manual	Manual	Manual	Manual	Manual	Manual
Air Direction: Vertical		Auto	Auto	Auto	Auto	Auto	Auto
Air Filter		Washable	Washable	Washable	Washable	Washable	Washable
Minimum Lineset Length	Ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)
Maximum Lineset Length	Ft (m)	66 (20) (pre-charge: 49')					
Max. Vertical Differential	Ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)
Lineset Size	Inch	suc.3/8 dis.1/4	suc.3/8 dis.1/4	suc.1/2 dis.1/4	suc.3/8 dis.1/4	suc.1/2 dis.1/4	suc.3/8 dis.1/4

*Based on model # capacity class (e.g. 99AFFJ based on 9,000 BTU/HR) @ 70°F indoor setpoint. Refer to the Design & Technical Manual for more heating capacity data.

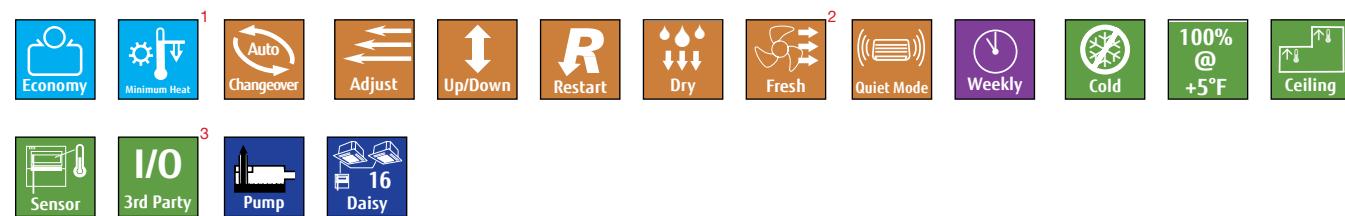


Note: Figures are based on 230 Volts.

9,12,18,000 BTU/HR COMPACT CASSETTE HEAT PUMPS



Compact Cassette Grille RXCCGF shown is sold separately and must be ordered with each compact cassette model.



¹Available only with optional wireless remote control.

²Requires Rheem's Optional Fresh Air Kit part #RXVXAA. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2" W.C. or 90 CFM at .4" W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.

³Available only with optional Interface kit. Operation monitoring and On / Off control only.

FUNCTION

Compact cassettes provide comfort cooling or heating for small room applications. Features include high efficiency up to 24.0 SEER, heating at low temperatures down to -5°F, compact design, quiet operation, a standard wired remote control, and the ability to bring in fresh air through the optional Fresh Air Kit.

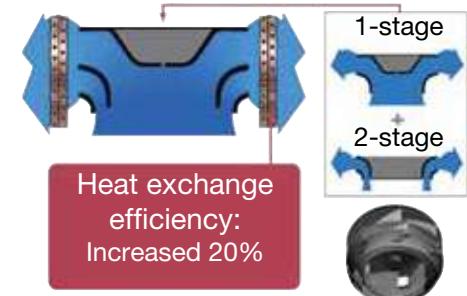
EASY INSTALLATION

Fits into a standard ceiling tile*.



2-STAGE TURBO FAN

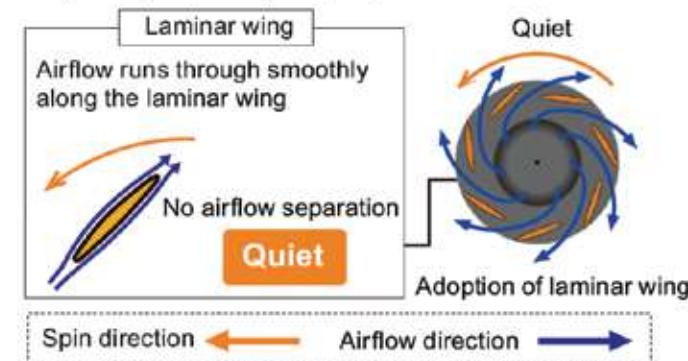
Air distribution is evenly spread across the heat exchanger by the 2-stage turbo fan which produces two separate airflow streams.



QUIET OPERATION

Optimization of wing form (laminar wing design) and number of wings (7 blades) enables as low as 27 dB.

Designed by CFD-analysis (fluid) simulations



OPTIONAL ACCESSORIES

- Wired Remote Control: RXRVNUM
- Wireless Remote: RXLNHUM
- Fresh Air Kits: RXVXAA

Mixes room air which then passes through the heat exchanger.

COMPACT CASSETTE HEAT PUMP SYSTEMS
09AFCJ, 12AFCJ, 18AFCJ

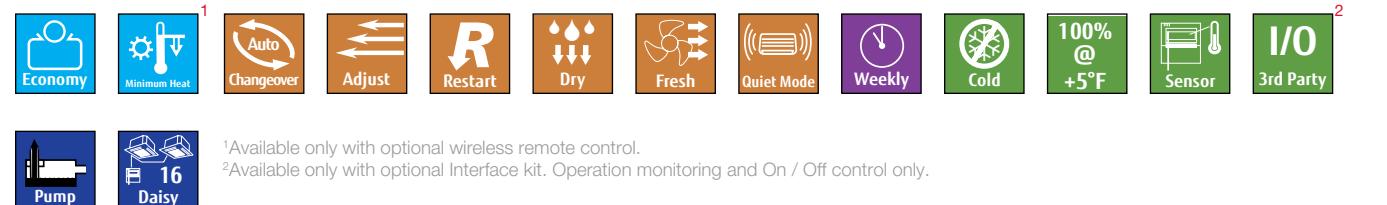
UP TO 24.0 SEER



Performance				
Nominal Cooling	BTU/HR	9,000	12,000	18,000
Min.-Max. Cooling	BTU/HR	3,100~12,000	3,100~13,600	3,100~20,100
Nominal Heating	BTU/HR	12,000	16,000	21,600
Min.-Max. Heating	BTU/HR	3,100~18,000	3,100~19,400	3,100~25,600
SEER		24.0	21.9	20.1
HSPF		13.0	12.2	11.5
EER		14.5	12.8	11.2
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)
Moisture Removal	Pt./h (l/h)	1.3 (.06)	2.5 (1.2)	4.6 (2.2)
Fan				
Air Circulation: Hi	CFM (m3/h)	318 (540) Clg or Htg	359 (610) Clg or Htg	400 (680) Clg 471 (800) Htg
Air Circulation: Medium	CFM (m3/h)	288 (490) Clg or Htg	312 (530) Clg or Htg	341 (580) Clg 400 (680) Htg
Air Circulation: Low	CFM (m3/h)	259 (440) Clg or Htg	277 (470) Clg or Htg	288 (490) Clg 341 (580) Htg
Quiet	CFM (m3/h)	230 (390) Clg or Htg	241 (410) Clg or Htg	241 (410) Clg 265 (450) Htg
Fan Speed Stage		4+auto	4+auto	4+auto
Sound				
Indoor Sound Level (Clg/Htg): Hi	dB(A)	33/34	37/37	40/44
Indoor Sound Level (Clg/Htg): Medium	dB(A)	32/32	33/33	36/40
Indoor Sound Level (Clg/Htg): Low	dB(A)	29/29	31/31	32/36
Quiet	dB(A)	28/27	28/28	28/30
Outdoor Sound Level Clg/Htg	dB(A)	48/49	49/50	54/55
Electrical				
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	15	15	20
Current Rated: Cooling	Amps	3.0	4.4	7.1
Current Rated: Heating	Amps	4.1	6.7	7.7
Power Use Rated / Max: Cooling	kW	0.62/1.40	0.94/1.45	1.61/2.15
Power Use Rated / Max: Heating	kW	0.89/1.80	1.44/2.00	1.76/2.60
Size & Weight				
Net Weight	lbs. (kg)	33 (15)	84 (38)	33 (15)
Height	Inch	9-11/16	1-15/16	24-1/2
	mm	245	49	620
Width	Inch	22-7/16	27-9/16	31-3/32
	mm	570	700	790
Depth	Inch	22-7/16	27-9/16	11-11/32
	mm	570	700	290
Refrigerant		R410A	R410A	R410A
Additional Data				
Air Direction: Vertical		Automatic		Automatic
Air Filter		Washable		Washable
Minimum Lineset Length	Ft (m)	10 (3)		10 (3)
Maximum Lineset Length	Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')
Max. Vertical Diff.	Ft (m)	49 (15)		49 (15)
Lineset Size	Inch	suc.3/8	dis.1/4	suc.3/8
	Indoor	RICH09AVFJ	Grille RXCCGF	Indoor RICH12AVFJ
	Outdoor	ROSH09AVFJ	Outdoor ROSH12AVFJ	Indoor RICH18AVFJ
	Indoor	Indoor RICH12AVFJ	Grille RXCCGF	Indoor RICH18AVFJ
	Outdoor	Outdoor ROSH12AVFJ	Grille RXCCGF	Outdoor ROSH18AVFJ

Note: Figures are based on 230 Volts.

9, 12, 18,000 BTU/HR SLIM DUCT HEAT PUMPS



¹Available only with optional wireless remote control.

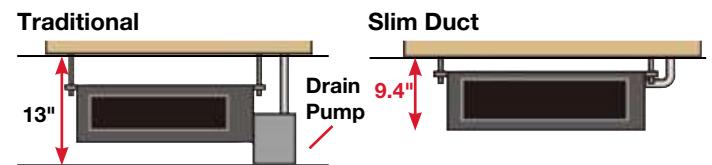
²Available only with optional Interface kit. Operation monitoring and On / Off control only.

FUNCTION

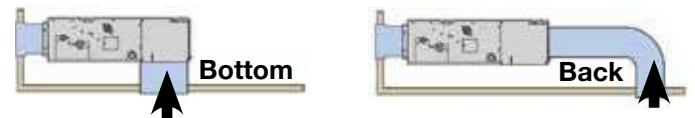
Slim ducts provide cooling or heating for small room applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction. Long maximum combined piping length of 66' and 49' in height allow for versatile installations. Either horizontal or vertical flexibility and low height enables compact soffit or cabinet installation.

SLIM DUCT

Built-in drain pump allows for installation of slim duct unit in smaller spaces than traditional units.



RETURN AIR-INTAKE CHOICES



FIELD SUPPLIED FILTERS USED WITH SLIM DUCT UNITS

Although Slim Duct units come with factory filters, when return ductwork is used field supplied filters are more practical to use. They can be installed at the unit or for more convenient servicing, in filter grilles. See the guidelines to the right to determine filter sizes.

The chart includes CFM, external static pressure capability and a typical filter size for each model. Filters are sized to keep velocities and static pressure loss low.

This will ensure sufficient static pressure is available for ductwork, fittings and supply and return grilles.

Alternative filter sizes with equivalent face areas can be used. After deducting filter loss, available static pressure values are shown.



A fiberglass filter is shown in blue to the left. A MERV pleated filter is shown in white.

OPTIONAL ACCESSORIES

- Wired Remote Control: RXRVNUM
- Wireless Remote and Receiver: RXLRHUM
- Auto Louver Grille Kit: RXGXA-W (for RIDH07/09/12) and RXGXS-B-W (for RIDH18)



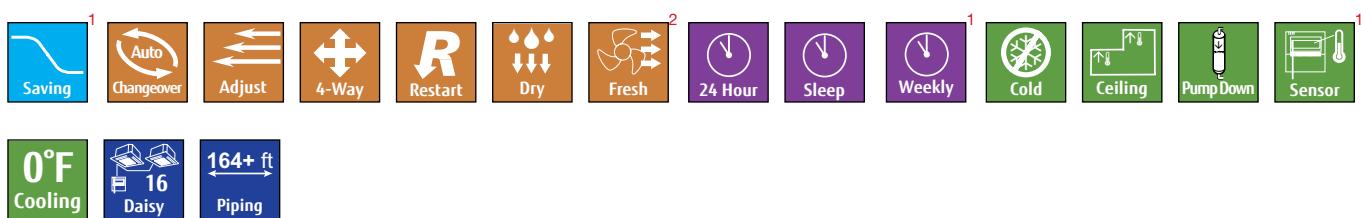
	RIDH 09AVFJ	RIDH 12AVFJ	RIDH 18AVFJ
CFM	353	383	547
Typical Filter Size	12 x 20	12 x 20	14 x 25
Velocity, FPM	212	230	228
Unit External SP, in. W.C.	0.36	0.36	0.36
1" Fiberglass Filter			
SP Loss, in. W.C.	0.04	0.05	0.04
Available Static Pressure	0.32	0.31	0.32
1" MERV 8 Pleated Filter			
SP Loss, in. W.C.	0.12	0.14	0.14
Available Static Pressure	0.24	0.22	0.22
2" MERV 8 Pleated Filter			
SP Loss, in. W.C.	0.07	0.08	0.08
Available Static Pressure	0.29	0.28	0.28

UP TO 21.5 SEER

09AFCJ		12AFCJ		18AFCJ	
	ENERGY STAR		ENERGY STAR		ENERGY STAR
Performance					
Nominal Cooling	BTU/HR	9,000	12,000	18,000	
Min.-Max. Cooling	BTU/HR	3,100~12,000	3,100~13,600	3,100~20,100	
Nominal Heating	BTU/HR	12,000	16,000	21,600	
Min.-Max. Heating	BTU/HR	3,100~18,000	3,100~19,400	3,100~25,600	
SEER		21.5	20.0	19.7	
HSPF		12.2	11.5	11.3	
EER		14.5	12.8	12.0	
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	
Heating Operating Range	°F (°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)	
Moisture Removal	Pt./h (l/h)	1.5 (.07)	2.7 (1.3)	4.2 (2.0)	
Fan					
Air Circulation: Hi	CFM (m3/h)	353 (600)	383 (650)	554 (940)	
Air Circulation: Medium	CFM (m3/h)	324 (550)	353 (600)	518 (880)	
Air Circulation: Low	CFM (m3/h)	294 (500)	324 (550)	483 (820)	
Quiet	CFM (m3/h)	265 (450)	283 (480)	442 (750)	
Fan Speed Stage		4+auto	4+auto	4+auto	
Sound					
Indoor Sound Level (Clg/Htg): Hi	dB(A)	28/28	29/29	32/32	
Indoor Sound Level (Clg/Htg): Medium	dB(A)	27/26	28/28	30/30	
Indoor Sound Level (Clg/Htg): Low	dB(A)	26/25	27/27	29/29	
Quiet	dB(A)	25/24	26/24	27/27	
Outdoor Sound Level Clg/Htg	dB(A)	48/49	49/50	54/55	
Electrical					
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1	
Circuit Breaker	Amps	15	15	20	
Current Rated: Cooling	Amps	3.0	4.4	6.6	
Current Rated: Heating	Amps	3.9	6.0	7.3	
Power Use Rated / Max: Cooling	kW	0.62/1.40	0.94/1.45	1.50/2.15	
Power Use Rated / Max: Heating	kW	0.85/1.80	1.30/2.00	1.67/2.60	
Size & Weight					
Net Weight	lbs. (kg)	41 (19)	84 (38)	84 (38)	86 (39)
Height	Inch	7-25/32	5-15/16	6	24-1/2
	mm	198	151	152	620
Width	Inch	27-9/16	25-19/32	22	31-3/32
	mm	700	650	559	790
Depth	Inch	24-13/32	3/4	3/4 Flat	11-11/32
	mm	620	19	19 Flat	290
Refrigerant		R410A	R410A	R410A	
Additional Data					
Static Pressure in. W. C.		0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	
Air Filter		Washable	Washable	Washable	
Minimum Lineset Length	Ft (m)	10 (3)	10 (3)	10 (3)	
Maximum Lineset Length	Ft (m)	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	
Max. Vertical Diff.	Ft (m)	49 (15)	49 (15)	49 (15)	
Lineset Size	Inch	suc.3/8	dis.1/4	suc.3/8	dis.1/4
			dis.1/4	suc.1/2	dis.1/4
					dis.1/4
Indoor RIDH09AVFJ	SUPPLY DUCT FLANGE	RETURN DUCT	Indoor RIDH12AVFJ	SUPPLY DUCT FLANGE	RETURN DUCT
Outdoor ROSH09AFCJ			Outdoor ROSH12AFCJ		
Indoor RIDH18AVFJ	SUPPLY DUCT FLANGE	RETURN DUCT	Outdoor ROSH18AFCJ	SUPPLY DUCT FLANGE	RETURN DUCT
Outdoor ROSH18AFCJ					

Note: Figures are based on 230 Volts.

18, 24, 36,000 BTU/HR CEILING & UNIVERSAL HEAT PUMPS



¹Available only with optional wired remote control.

²Fresh air knockout available. Fresh air fan and ductwork field supplied. See Design and Technical Manual for details.

APPLICATIONS

The universal floor/ceiling mount 18AXJ and 24AXJ are ideal for a house of worship to mount beneath stained glass windows. Lower in height than the pews, they do not disturb the aesthetics of the space. With long piping lengths of 165' the outdoor units can also be placed remotely out of sight. Another popular application for this model is in hallways where wall space is limited. The 36ASXJ is popular where fresh air intake and high capacity is required like a restaurant or bar. They are also often suspended from threaded rod and used in multiple to condition large warehouse spaces.

FUNCTION

The 18AXJ and the 24AXJ are universal mount. They can mount low on the wall or transverse mount them on the ceiling. The 36ASXJ can only be mounted on the ceiling, can take in fresh air and can throw air farther.

OPTIONAL ACCESSORIES

- Wired Remote Control RXRNBYU*
- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable
- Condensate Pump RXDPB24T
 - OEM design plug and play
 - Rated for 11.8" of vertical lift
 - Available only for System 36ASXJ

*Requires dip switch change on indoor unit.



UP TO 16 SEER

	18AXJ	24AXJ	36ASXJ	
Performance				
Nominal Cooling	BTUh	17,800	22,200	34,100
Min.-Max. Cooling	BTUh	5,000~21,600	5,000~27,300	8,500~36,000
Nominal Heating	BTUh	21,500	24,000	36,500
Min.-Max. Heating	BTUh	5,000~25,600	5,000~29,000	9,200~42,700
SEER		16.0	15.0	14.0
HSPF		8.5	8.5	8.5
EER		10.9	9.9	8.1
Cooling Operating Range	°F (°C)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)
Heating Operating Range	°F (°C)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)
Moisture Removal	Pt./h (l/h)	5.3 (2.5)	7.4 (3.5)	7.4 (3.5)
Fan				
Air Circulation: Hi	CFM (m ³ /h)	459 (780)	518 (880)	1089 (1850)
Medium	CFM (m ³ /h)	383 (650)	436 (740)	977 (1660)
Low	CFM (m ³ /h)	324 (550)	371 (630)	842 (1430)
Fan Speed Stage		3 + Auto	3 + Auto	3 + Auto
Sound				
Indoor Sound Level (Clg/Htg): Hi	dB(A)	43/43 (Clg/Htg)	47/47 (Clg/Htg)	48/48 (Clg/Htg)
Medium	dB(A)	39/39 (Clg/Htg)	43/43 (Clg/Htg)	45/43 (Clg/Htg)
Low	dB(A)	35/35 (Clg/Htg)	38/38 (Clg/Htg)	41/39 (Clg/Htg)
Outdoor Sound Level Clg/Htg	dB(A)	51/53	53/55	54/55
Electrical				
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	20	20	30
Current Rated/Max: Cooling	Amps	7.1/12.5	9.8/12.5	18.3/18.8
Current Rated/Max: Heating	Amps	9.8/12.5	10.2/12.5	15.3/18.8
Power Use Rated/Max: Cooling	kW	1.63/2.88	2.25/2.88	4.22/4.35
Power Use Rated/Max: Heating	kW	2.25/2.88	2.35/2.88	3.50/4.35
Size & Weight				
Net Weight	lbs. (kg)	62 (28)	141 (64)	141 (64)
Dimensions: Height	Inch	7-7/8	32-3/4	9-1/2
	mm	199	830	240
Width	Inch	39-1/8	35-1/2	65-1/2
	mm	990	900	1660
Depth	Inch	25-7/8	13	27-5/8
	mm	655	330	700
Refrigerant				
R410A				
Additional Data				
Air Direction: Horizontal		Automatic	Automatic	Automatic
Vertical		Automatic	Automatic	Automatic
Air Filter		Washable	Washable	Washable
Front Grille		Permanent	Permanent	Permanent
Minimum Lineset Length	Ft (m)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length	Ft (m)	165 (50) (pre-charge: 49')	165 (50) (pre-charge: 49')	165 (50) (pre-charge: 49')
Max. Vertical Diff.	Ft (m)	66 (20)	66 (20)	98 (30)
Lineset Size	Inch	suc.1/2	dis. 1/4	suc.5/8
			dis. 3/8	suc.5/8
Indoor RIUH18AXJ		Outdoor ROSH18VSN	Indoor RIUH24AXJ	Outdoor ROSH24VSN
Indoor RIUH36ASXJ		Outdoor ROSH36VSN		

Note: Figures are based on 230 Volts.

18, 24, 30, 36, 42,000 BTUh LARGE CASSETTE CIRCULAR FLOW HEAT PUMPS



¹Available only with optional part RXSHZXC.

²42, 48,000 BTUh systems only.

³Available only with optional wireless remote control.

BETTER AIR DISTRIBUTION USING 360-DEGREE LOUVERS



Circular flow design allows conditioned air to reach every corner of a room.

INDIVIDUAL LOUVER CONTROL

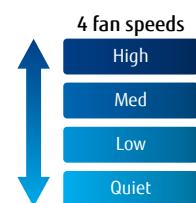
Each louver can be set individually to deliver comfortable air exactly where you want it in any room configuration. To take advantage of this feature use Wired Remote Control (Touch Panel) RXRNRUZ2.



Individual louvers can be programmed separately. Adjust vertical airflow and louver position with RXRNRUZ2 Wired Remote Control.

QUIET OPERATION AND 4 FAN SPEED CONTROL

With the new airflow structure, sound levels are drastically reduced. Circular flow cassette models operate at whisper quiet sound levels. Choose from 4 different fan speeds.



24k BTUh model (Cooling/High)
35dB(A)

*Compatible Remote Controller is as follows:
RXRNRUZ2 / RXRSRY / RXRHRY / RXLBTC

⁴Available only with optional wired remote control.

⁵Available only with optional Interface kit. Operation monitoring and On/Off control

HIGH ENERGY EFFICIENCY

Energy saving performance is achieved by DC twin rotary compressor, DC fan motor and optimal refrigerant cycle control.

18,000 BTUh and 24,000 BTUh models are Energy Star qualified.

RECOMMENDED ACCESSORIES

NOTE: RGLX Large Cassette grilles are sold separately.



NOTE: Wired Remote Control sold separately.



ACXJ Large Cassettes are compatible with RXRNRUZ2 2-wire controls.



Airflow fan speed can be customized depending on room layout.

OPTIONAL ACCESSORIES (cont'd on bottom of page 39)

Wired Remote Control (Touch Panel) RXRNRUZ2

Simple Remote Control RXRSRY, RXRHRY

Communication Kit RXXCSX

Communication Kit Bracket RXGXRA

IR Receiver Unit RXLBTC

Human Sensor Kit RXSHZXC

Air Outlet Shutter Plate RXYDZK

External Connect Kit RXXWZXG, RXXWZXZ3

Wide Panel RXAKXA-W

Panel Spacer RXBKXA-W

Insulation Kit For High Humidity RXKXRA

Fresh Air Intake Kit RXKHSR940-25

Thermostat Converter RXTTRX - Control your Fujitsu heating and cooling system with your favorite smart thermostat (not included).

SYSTEMS

18AXCJC, 24AXCJC, 30AXCJC, 36AXCJC, 42AXCJC, 48AXCJC

18AXCJC	24AXCJC	30AXCJC	36AXCJC	42AXCJC	48AXCJC
ENERGY STAR	ENERGY STAR				

Performance							
Nominal Cooling	BTUh	18,000	24,000	30,000	36,000	42,000	48,000
Min.-Max. Cooling	BTUh	5,400–21,500	5,400–29,000	9,600–35,000	9,600–39,000	17,100–45,000	17,100–50,000
Nominal Heating	BTUh	21,000	27,000	32,000	36,000	47,000	53,000
Min.-Max. Heating	BTUh	5,400–25,600	5,400–32,400	9,200–39,000	9,200–48,000	18,000–51,000	18,000–55,000
SEER		21.4	20	18.6	17.5	18.5	17.8
HSPF		10.9	10.8	11.5	11.2	9.7	10.6
EER	Btu/hW	13.4	12.8	11.7	10	11.3	10.1
Cooling Operating Range	°F (°C)	-5–115 (-20–46)	-5–115 (-20–46)	-5–115 (-20–46)	-5–115 (-20–46)	-5–115 (-20–46)	-5–115 (-20–46)
Heating Operating Range	°F (°C)	-5–75 (-20–24)	-5–75 (-20–24)	-5–75 (-20–24)	-5–75 (-20–24)	-5–75 (-20–24)	-5–75 (-20–24)
Moisture Removal	Pt./h (l/h)	3.9 (2.2)	5.1 (2.9)	5.3 (3.0)	6.5 (3.7)	7.7 (4.4)	9.3 (5.3)
Fan							
Air Circulation: Hi	CFM (m3/h)	618 (1,050)	677 (1,150)	942 (1,600)	1,118 (1,900)	1,177 (2,000)	1,236 (2,100)
Medium	CFM (m3/h)	565 (960)	618 (1,050)	824 (1,400)	936 (1,590)	971 (1,650)	1,048 (1,780)
Low	CFM (m3/h)	530 (900)	577 (980)	748 (1,270)	836 (1,420)	859 (1,460)	942 (1,600)
Quiet	CFM (m3/h)	459 (780)	512 (870)	677 (1,150)	695 (1,180)	765 (1,300)	777 (1,320)
Fan Speed Stage		4 + Auto					
Sound							
Indoor Sound Level (Clg/Htg): Hi	dB(A)	33/33	35/35	40/40	44/44	46/46	47/47
Medium	dB(A)	32/32	34/34	38/38	41/41	42/42	43/43
Low	dB(A)	31/31	32/32	36/36	38/38	39/39	40/40
Outdoor Sound Level Clg/Htg	dB(A)	47/50	53/55	53/55	54/56	55/57	57/59
Electrical							
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Circuit Breaker	Amps	20	30	30	30	30	30
Current Rated: Cooling	Amps	6.1	8.4	11.5	16.1	16.7	20.9
Current Rated: Heating	Amps	6.6	9.6	10.7	12.2	16.8	19.5
Power Use Rated/Max: Cooling	kW	1.35/2.05	1.88/2.77	2.57/3.33	3.60/3.94	3.72/4.35	4.75/4.91
Power Use Rated/Max: Heating	kW	1.47/2.27	2.15/2.88	2.38/3.27	2.73/4.19	3.74/4.39	4.49/4.67
Size & Weight							
Net Weight	lbs. (kg)	53 (24)	134 (61)	53 (24)	134 (61)	57 (26)	134 (61)
Dimensions: Height	Inch	9 11/16	32 11/16	9 11/16	32 11/16	11 5/16	32 11/16
	mm	246	830	246	830	288	830
Width	Inch	33-1/16	35-7/16	33-1/16	35-7/16	33-1/16	35-7/16
	mm	840	900	840	900	840	900
Depth	Inch	33-1/16	13	33-1/16	13	33-1/16	13
	mm	840	330	840	330	840	330
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Additional Data							
White Grille (RXGCF) or Black Grille (RXLCGVBC) Sold Separately							
Minimum Lineset Length	Ft (m)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)
Maximum Lineset Length	Ft (m)	164 (50)	164 (50)	164 (50)	164 (50)	246 (75)	246 (75)
Max. Vertical Diff.	Ft (m)	98 (30)	98 (30)	98 (30)	98 (30)	98 (30)	98 (30)
Lineset Size	Inch	suc.1/2	dis.1/4	suc.5/8	dis.3/8	suc.5/8	dis.3/8

Indoor RICH18AXCJ	Outdoor ROSH18VGSN	Indoor RICH24AXCJ	Outdoor ROSH24VGSN	Indoor RICH30AXCJ	Outdoor ROSH30VGSN	Indoor RICH36AXCJ	Outdoor ROSH36VGSN	Indoor RICH42AXCJ	Outdoor ROSH42VGSN	Indoor RICH48AXCJ	Outdoor ROSH48VGSN
-------------------	--------------------	-------------------	--------------------	-------------------	--------------------	-------------------	--------------------	-------------------	--------------------	-------------------	--------------------

MULTI-ZONE MINI-SPLIT SYSTEMS

ROMH18AFXZJ, ROMH24AFXZJ,
ROMH36AFXZJ, ROMH45AFXZJ

- Operate as few as one indoor unit or all indoor units
- Choose from 4 indoor unit styles - wall mount, slim duct, compact cassette, and floor mount
- Create hundreds of combinations based on indoor type and BTU/HR
- Connect 2 to 5 indoor units, depending on model
- Connect 14,000 to 54,000 BTU/HR
- No branch boxes or separation tubes required
- A Tri-Zone 24,000 BTU Unit
Rheem® offers a 2-ton system that provides 2- or 3-zone flexibility. By using connectable capacity, this system allows up to three 9,000 BTU units.
- **Pricing Compared to Competition**
Additional outdoor units provides better matched BTU capacity with indoor units. By better matching the outdoor unit to the indoor capacity a better system value is achieved.

MULTI-ZONE LOW TEMPERATURE HEATING

- Connect 2 to 4 indoor units, depending on model
- Connect 14,000 to 39,000 BTU
- Low Temp Heating down to -15°F outdoor temps
- No branch boxes or separation tubes required



YEAR-ROUND, WHOLE HOME OR BUSINESS COMFORT

Ductless systems are one of today's most advanced forms of heating and cooling. Multi-zone outdoor units can operate from 2 to 5 indoor units simultaneously. Rheem® Mini-Split systems are super quiet as well as highly energy efficient.

Shown to the right is outdoor model ROMH36AFXZJ connected to three wall mount indoor units.

MULTI-ZONE SYSTEMS 18,000, 24,000, 36,000, AND 45,000 BTU/HR

Connectable Capacity

This allows connectable indoor units' total capacity to exceed outdoor unit capacity. See Allowable Combination table on page 50.

If all indoor units are cooling or heating at the same time, the system will limit their capacity so that their total matches the outdoor unit's capacity. When a zone meets a desired set temperature it requires less capacity. The unused capacity is then distributed to the remaining indoor units, increasing their capacity.

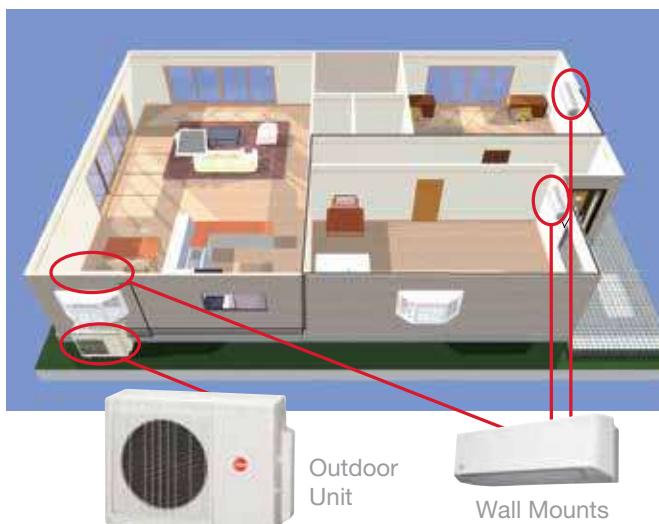


MIX AND MATCH FLEXIBILITY

The ability to create the **right** combinations, the **right** quantity (up to 5-zones), the **right** style indoor units, and the **right** capacity. It's the **RIGHT** choice for your home or business.

MULTI-ZONE OUTDOOR UNITS

	ROMH18AFXZJ	ROMH24AFXZJ	ROMH36AFXZJ	ROMH45AFXZJ
WALL MOUNTS				
RIWH07, 09, 12AVFJ	✓	✓	✓	✓
RIWH15AVFJ		✓	✓	✓
RIWH18AVFJ		✓	✓	✓
RIWH24AVFJ			✓	✓
FLOOR MOUNTS				
RIFH09, 12AVFJ	✓	✓	✓	✓
RIFH15AVFJ		✓	✓	✓
SLIM DUCTS				
RIDH07, 09, 12AVFJ	✓	✓	✓	✓
RIDH18AVFJ		✓	✓	✓
RIDH24AVFJ			✓	✓
COMPACT CASSETTES				
RICH07, 09, 12AVFJ	✓	✓	✓	✓
RICH18AVFJ		✓	✓	✓



INDIVIDUAL ZONING: PERSONALIZED WHOLE HOME COMFORT

WALL MOUNTED

They mount high on a wall, out of sight and do not require ductwork, increasing energy efficiency.

- Quiet operation
- Easy maintenance
- High delivered efficiency means lower utility bills



SLIM DUCT

Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.

- Concealed and out of sight
- Look of central air with the efficiency of a mini-split
- Less ducts = higher efficiency



COMPACT CASSETTE

Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.

- Wired remote control (wireless is optional)
- Powerful turbo fan operation
- Fits into a standard 2' x 2' ceiling grid



FLOOR MOUNTED

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom.

- Compact size fits easily under a standard window
- Features twin airflow for improved heat delivery
- Designer wireless remote control

7, 9, 12, 15, 18, 24,000 BTU/HR WALL MOUNT

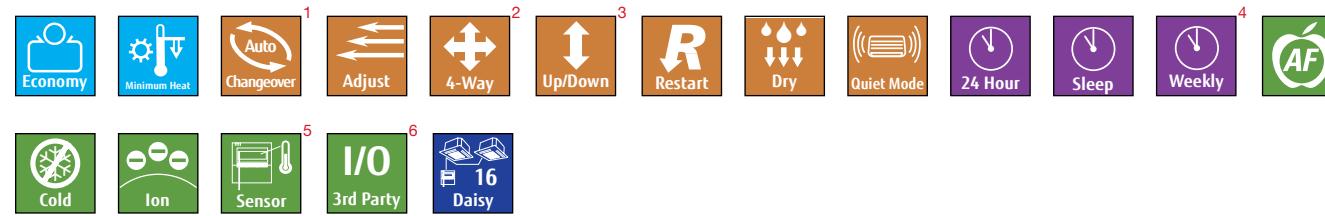
MULTI-ZONE INDOOR



RIWH07, 09, 12, 15AVFJ



RIWH18, 24AVFJ



¹Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.

²RIWH18,24AVFJ models only.
³RIWH07,09,12,12AVFJ models only.
⁴RIWH07,09,12,12AVFJ models: Available only with optional wired remote control.
⁵Available only with optional wired remote control and optional interface kit.
⁶Available only with optional interface kit.

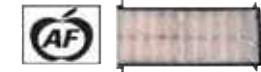
BUILT IN FILTRATION

LONG-LIFE ION DEODORIZATION FILTER



The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic. The filter can be used for approximately 3 years if it is washed with water when dirty to restore its surface action.

APPLE CATECHIN FILTER



Dust, mold spores and micro-organisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated.

RIWH07AVFJ, RIWH09AVFJ, RIWH12AVFJ, RIWH15AVFJ, RIWH18AVFJ, RIWH24AVFJ

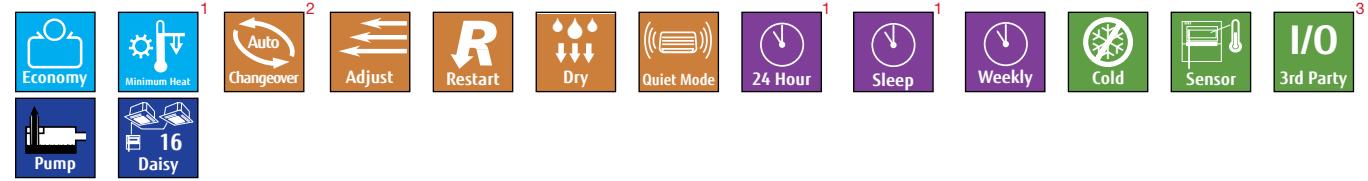
	RIWH07AVFJ	RIWH09AVFJ	RIWH12AVFJ	RIWH15AVFJ	RIWH18AVFJ	RIWH24AVFJ
Performance						
Nominal Cooling	BTU/HR	7,000	9,000	12,000	14,000	18,000
Nominal Heating	BTU/HR	8,100	10,200	13,500	16,300	20,000
Fan						
Air Circulation: Hi	CFM (m3/h)	Clg 330 (560) Htg 330 (560)	Clg 353 (600) Htg 353 (600)	Clg 388 (660) Htg 388 (660)	Clg 430 (730) Htg 430 (730)	Clg 542 (920) Htg 542 (920)
Air Circulation: Medium	CFM (m3/h)	Clg 294 (500) Htg 294 (500)	Clg 306 (520) Htg 306 (520)	Clg 330 (560) Htg 330 (560)	Clg 353 (600) Htg 362 (615)	Clg 436 (740) Htg 436 (740)
Air Circulation: Low	CFM (m3/h)	Clg 253 (430) Htg 253 (430)	Clg 253 (430) Htg 253 (430)	Clg 265 (450) Htg 277 (470)	Clg 312 (530) Htg 330 (560)	Clg 365 (620) Htg 365 (620)
Quiet	CFM (m3/h)	Clg 182 (310) Htg 194 (330)	Clg 182 (310) Htg 194 (330)	Clg 182 (310) Htg 194 (330)	Clg 212 (360) Htg 221 (375)	Clg 324 (550) Htg 324 (550)
Fan Speed Stage		4+auto	4+auto	4+auto	4+auto	4+auto
Sound						
Indoor Sound Level (Clg/Htg): Hi	dB(A)	36/36	37/37	40/40	42/42	43/44
Indoor Sound Level (Clg/Htg): Medium	dB(A)	32/32	33/33	36/36	38/38	37/37
Indoor Sound Level (Clg/Htg): Low	dB(A)	29/29	29/29	30/31	33/35	33/33
Quiet	dB(A)	21/22	21/22	21/22	25/27	31/31
Electrical						
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Current Rated: Cooling	Amps	0.13	0.15	0.19	0.25	0.32
Current Rated: Heating	Amps	0.13	0.15	0.19	0.25	0.32
Power Use Rated: Cooling	W	15	17	22	28	41
Power Use Rated: Heating	W	15	17	22	28	41
Size & Weight						
Net Weight	Ibs. (kg)	19 (8.5)	19 (8.5)	19 (8.5)	19 (8.5)	31 (14)
Height	Inch	10-1/2	10-1/2	10-1/2	10-1/2	12-5/8
	mm	268	268	268	268	320
Width	Inch	33-1/16	33-1/16	33-1/16	33-1/16	39-1/4
	mm	840	840	840	840	998
Depth	Inch	8	8	8	8	9
	mm	203	203	203	203	228
Refrigerant		R410A	R410A	R410A	R410A	R410A
Additional Data						
Air Direction: Horizontal		Manual	Manual	Manual	Manual	Auto
Air Direction: Vertical		Auto	Auto	Auto	Auto	Auto
Primary Air Filter		Washable	Washable	Washable	Washable	Washable
Ion Deodorizing Filter		Disposable	Disposable	Disposable	Disposable	Disposable
Apple Catechin Filter		Disposable	Disposable	Disposable	Disposable	Disposable
Lineset Size	Inch	suc.3/8 dis.1/4	suc.3/8 dis.1/4	suc.3/8 dis.1/4	suc.1/2 dis.1/4	suc.1/2 dis.1/4
		suc.5/8 dis.1/4				

The following combinations are ENERGY STAR® qualifying:

		ROMH18AFXZJ with (2) RIWH09AVFJ ROMH18AFXZJ with (1) RIWH07AVFJ + (1) RIWH12AVFJ ROMH18AFXZJ with (1) RIWH09AVFJ + (1) RIWH12AVFJ
		ROMH24AFXZJ with (2) RIWH07AVFJ + (1) RIWH09AVFJ

7, 9, 12, 18, 24,000 BTU/HR SLIM DUCT

MULTI-ZONE INDOOR



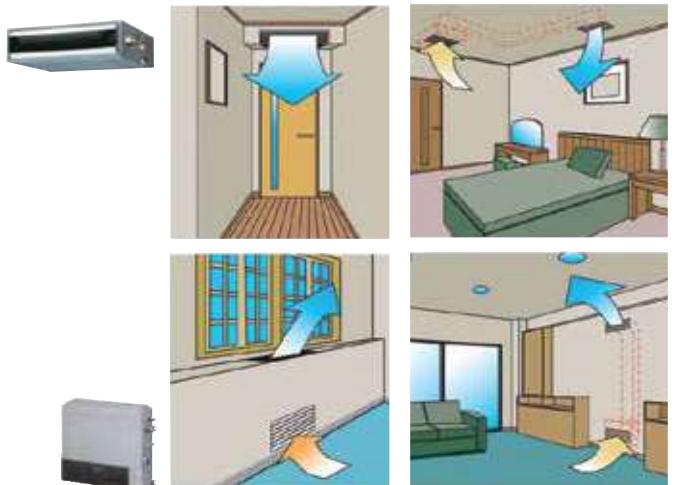
¹Available only with optional wireless remote control.

²Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.

³Available only with optional interface kit.

FLEXIBLE INSTALLATION

Horizontal or vertical, though internal drain pump will not operate when the unit is mounted in a vertical configuration.



FIELD SUPPLIED FILTERS

Filters are sized to keep velocities and static pressure loss low. This will ensure sufficient static pressure is available for ductwork, fittings and supply and return grilles.

Alternative filter sizes with equivalent face areas can be used.

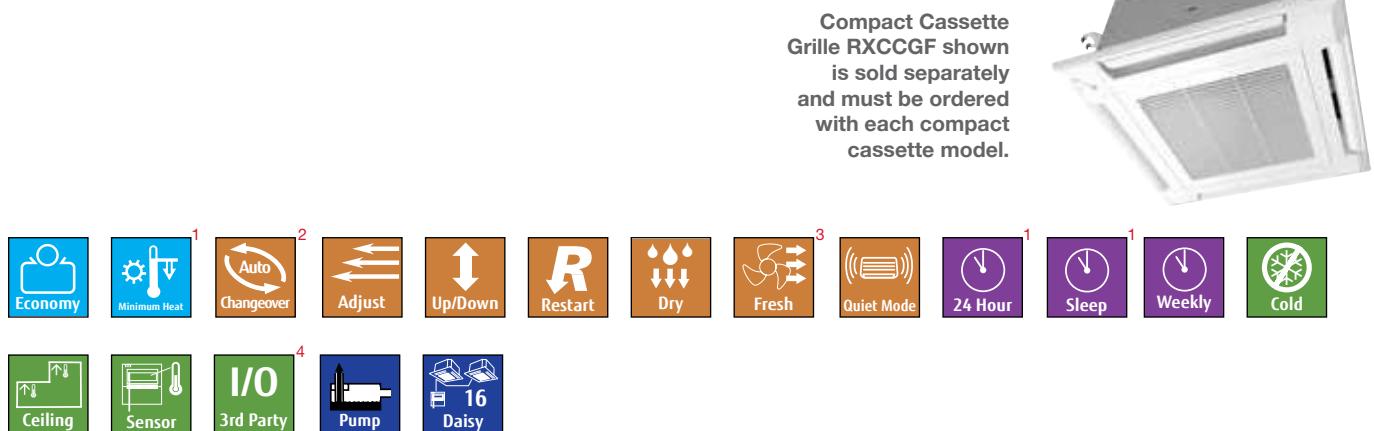
	RIDH07AVFJ	RIDH09AVFJ	RIDH12AVFJ	RIDH18AVFJ	RIDH24AVFJ
CFM	323	353	383	554	785
Typical Filter Size	12 x 20	12 x 20	12 x 20	14 x 25	18 x 30
Velocity, FPM	194	212	230	228	209
Unit External SP, in. W.C.	0.36	0.36	0.36	0.36	0.20
1" Fiberglass Filter					
SP Loss, in. W.C.	0.04	0.04	0.05	0.04	0.04
Available Static Pressure	0.32	0.32	0.31	0.32	0.16
1" MERV 8 Pleated Filter					
SP Loss, in. W.C.	0.10	0.12	0.14	0.14	0.12
Available Static Pressure	0.26	0.24	0.22	0.22	0.08
2" MERV 8 Pleated Filter					
SP Loss, in. W.C.	0.06	0.07	0.08	0.08	0.07
Available Static Pressure	0.30	0.29	0.28	0.28	0.13

RIDH07AVFJ, RIDH09AVFJ, RIDH12AVFJ, RIDH18AVFJ, RIDH24AVFJ

RIDH07AVFJ	RIDH09AVFJ	RIDH12AVFJ	RIDH18AVFJ	RIDH24AVFJ					
Performance									
Nominal Cooling	BTU/HR	7,000	9,000	12,000	18,000	24,000			
Nominal Heating	BTU/HR	8,100	10,200	13,500	20,000	27,000			
Fan									
Air Circulation: Hi	CFM (m3/h)	323 (550)	353 (600)	383 (650)	554 (940)	783 (1,330)			
Air Circulation: Medium	CFM (m3/h)	288 (490)	324 (550)	353 (600)	518 (880)	730 (1,240)			
Air Circulation: Low	CFM (m3/h)	276 (470)	294 (500)	324 (550)	483 (820)	648 (1,100)			
Quiet	CFM (m3/h)	259 (440)	265 (450)	283 (480)	442 (750)	607 (1,030)			
Fan Speed Stage									
4 + Auto		4 + Auto							
Sound									
Indoor Sound Level (Clg/Htg): Hi	dB(A)	28/28	28/28	29/29	32/33	33/35			
Indoor Sound Level (Clg/Htg): Medium	dB(A)	26/26	27/26	28/28	31/32	32/34			
Indoor Sound Level (Clg/Htg): Low	dB(A)	25/25	26/25	27/27	30/31	30/32			
Quiet	dB(A)	24/24	25/24	26/24	29/29	29/29			
Electrical									
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1			
Static Pressure	W. C.	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.20			
Current Rated: Cooling	Amps	0.30	0.30	0.35	0.44	0.66			
Current Rated: Heating	Amps	0.30	0.30	0.35	0.44	0.66			
Power Use Rated: Cooling	W	33	49	58	73	111			
Power Use Rated: Heating	W	33	49	58	73	111			
Size & Weight									
Net Weight	Ibs. (kg)	37 (17)	41 (19)	41 (19)	50 (23)	59 (27)			
Height	Inch	7-25/32	7-25/32	7-25/32	7-25/32	7-25/32			
	mm	198	198	198	198	198			
Width	Inch	27-9/16	27-9/16	27-9/16	35-7/16	43-5/16			
	mm	700	700	700	900	1,100			
Depth	Inch	24-13/32	24-13/32	24-13/32	24-13/32	24-13/32			
	mm	620	620	620	620	620			
Supply Duct Flange	Inch	5-15/16	5-15/16	5-15/16	5-15/16	5-15/16			
Height	mm	151	151	151	151	151			
Supply Duct Flange	Inch	25-19/32	25-19/32	25-19/32	33-15/32	41-11/32			
Dimensions: Width	mm	650	650	650	850	1,050			
Supply Duct Flange	Inch	3/4	3/4	3/4	3/4	3/4			
Dimensions: Depth	mm	19	19	19	19	19			
Return Duct	Inch	6	6	6	6	6			
Dimensions: Height	mm	152	152	152	152	152			
Return Duct	Inch	22	22	22	30	37-3/4			
Dimensions: Width	mm	559	559	559	762	959			
Return Duct	Inch	3/4 (Flat)							
Dimensions: Depth	mm	19 (Flat)							
Refrigerant		R410A	R410A	R410A	R410A	R410A			
Additional Data									
Air Filter		Washable	Washable	Washable	Washable	Washable			
Lineset Size	Inch	suc.3/8	dis.1/4	suc.3/8	dis.1/4	suc.1/2	dis.1/4	suc.5/8	dis.1/4

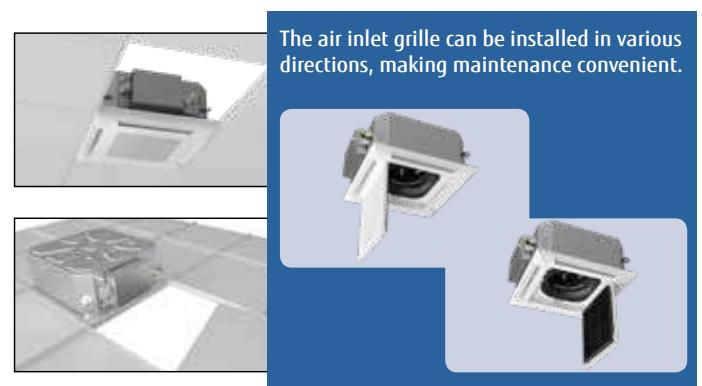
7, 9, 12, 18,000 BTU/HR COMPACT CASSETTES

MULTI-ZONE INDOOR

¹Available only with optional wireless remote control.²Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.³Requires Rheem's Optional Fresh Air Kit part #RXVXAA. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2" W.C. or 90 CFM at .4" W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.⁴Available only with optional Interface kit. Operation monitoring and On / Off control only.

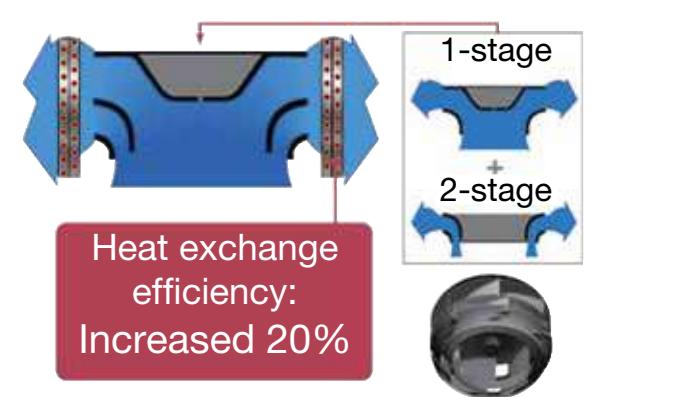
EASY MAINTENANCE

Maintenance is made simple by removing the ceiling panel next to the grille. Working on the cassette unit from an adjoining ceiling tile keeps disruption and construction costs down.



2-STAGE TURBO FAN

Air distribution is evenly spread across the heat exchanger by the 2-stage turbo fan which produces two separate airflow streams.



FRESH AIR KITS



RXVXAA

Mixes room air then passes through the heat exchanger.



RICH07AVFJ, RICH09AVFJ, RICH12AVFJ, RICH18AVFJ

	RICH07AVFJ	RICH09AVFJ	RICH12AVFJ	RICH18AVFJ
Performance				
Nominal Cooling	BTU/HR	7,000	9,000	12,000
Nominal Heating	BTU/HR	8,100	10,200	13,500
Fan				
Air Circulation: Hi	CFM (m3/h)	318 (540) Clg or Htg	318 (540) Clg or Htg	359 (610) Clg or Htg
Air Circulation: Medium	CFM (m3/h)	288 (490) Clg or Htg	288 (490) Clg or Htg	312 (530) Clg or Htg
Air Circulation: Low	CFM (m3/h)	259 (440) Clg or Htg	259 (440) Clg or Htg	277 (470) Clg or Htg
Quiet	CFM (m3/h)	230 (390) Clg or Htg	230 (390) Clg or Htg	241 (410) Clg or Htg
Fan Speed Stage				
		4+auto	4+auto	4+auto
Sound				
Indoor Sound Level (Clg/Htg): Hi	dB(A)	33/34	33/34	37/37
Indoor Sound Level (Clg/Htg): Medium	dB(A)	31/32	31/32	33/33
Indoor Sound Level (Clg/Htg): Low	dB(A)	29/29	29/29	31/31
Quiet	dB(A)	27/27	27/27	28/28
Electrical				
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1	208-230/60/1
Current Rated: Cooling	Amps	0.15	0.15	0.19
Current Rated: Heating	Amps	0.15	0.15	0.19
Power Use Rated / Max: Cooling	(kw)	18	18	23
Power Use Rated / Max: Heating	(kw)	18	18	23
Size & Weight				
Net Weight	lbs. (kg)	33 (15)	33 (15)	33 (15)
Height	Inch	9-11/16	9-11/16	9-11/16
	mm	245	245	245
Width	Inch	22-7/16	22-7/16	22-7/16
	mm	570	570	570
Depth	Inch	22-7/16	22-7/16	22-7/16
	mm	570	570	570
Refrigerant				
		R410A	R410A	R410A
Additional Data				
Air Direction: Vertical		Automatic	Automatic	Automatic
Air Filter		Washable	Washable	Washable
Front Grille		RXXXGFC*	RXXXGFC*	RXXXGFC*
Grille Dim: Height	Inch (mm)	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)
Grille Dim: Width	Inch (mm)	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Grille Dim: Depth	Inch (mm)	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Lineset Size	Inch	suc.3/8	dis.1/4	suc.3/8
				dis.1/4
				suc.1/2
				dis.1/4

* Compact Cassette Grille RXXXGFC sold separately. Must order one with each compact cassette.

9, 12, 15,000 BTU/HR FLOOR MOUNT

MULTI-ZONE INDOOR

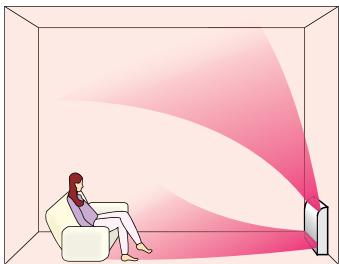


¹Available with optional wired remote control.

²Available only with optional Interface kit. Operation monitoring and On / Off control only.

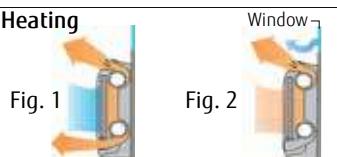
2-FAN AND WIDE AIRFLOW

Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in "Upward Airflow Only" when occupants wish not to have feet warmed or cooled.



1. Upon startup, both top and bottom louvers open.

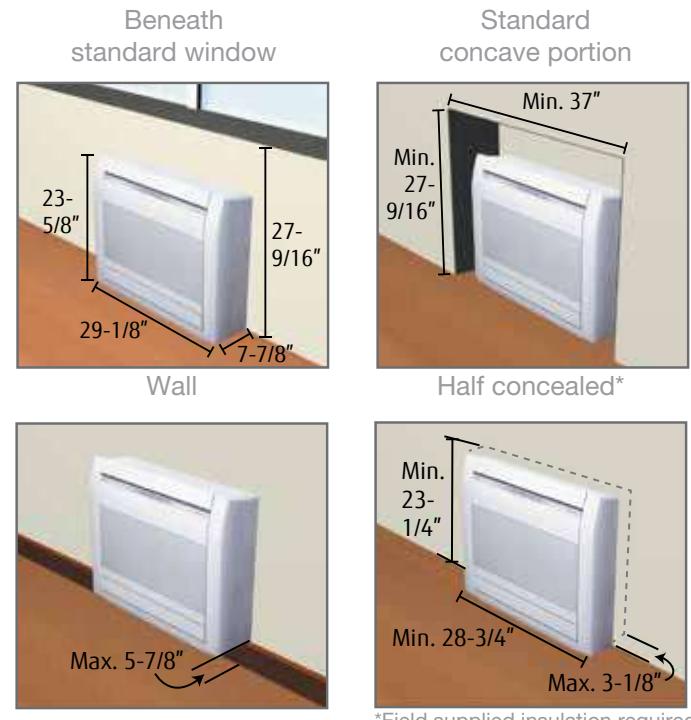
2. As the room temperature nears the setpoint, only the top louver stays open to help prevent cold air from falling.



1. Upon startup, both top and bottom louvers open.

2. Closer to setpoint, only the top louver stays open to help prevent cold drafts from windows.

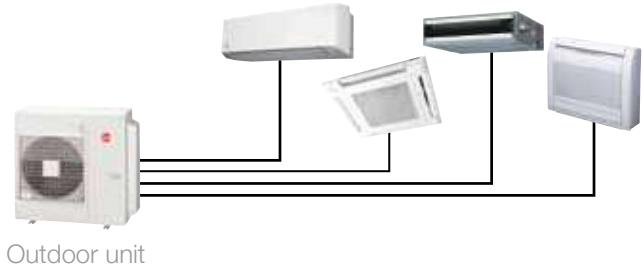
FLEXIBLE AND EASY INSTALLATION



RIFH09AVFJ, RIFH12AVFJ, RIFH15AVFJ

	RIFH09AVFJ	RIFH12AVFJ	RIFH15AVFJ				
Performance							
Nominal Cooling	BTU/HR	9,000	12,000				
Nominal Heating	BTU/HR	12,000	16,000				
Fan							
Air Circulation: Hi	CFM (m3/h)	312 (530)	353 (600)				
Air Circulation: Medium	CFM (m3/h)	259 (440)	288 (490)				
Air Circulation: Low	CFM (m3/h)	212 (360)	224 (380)				
Quiet	CFM (m3/h)	159 (270)	159 (270)				
Fan Speed Stage		4+Auto	4+Auto				
Sound							
Indoor Sound Level (Clg/Htg): Hi	dB(A)	39/39	42/42				
Indoor Sound Level (Clg/Htg): Medium	dB(A)	34/34	36/38				
Indoor Sound Level (Clg/Htg): Low	dB(A)	28/28	30/32				
Quiet	dB(A)	22/22	22/22				
Electrical							
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1				
Current Rated: Cooling	Amps	0.15	0.18				
Current Rated: Heating	Amps	0.15	0.18				
Power Use Rated: Cooling	(kw)	16	18				
Power Use Rated: Heating	(kw)	16	18				
Size & Weight							
Net Weight	Ibs. (kg)	31 (14)	31 (14)				
Height	Inch	23-5/8	23-5/8				
	mm	600	600				
Width	Inch	29-1/8	29-1/8				
	mm	740	740				
Depth	Inch	7-7/8	7-7/8				
	mm	200	200				
Refrigerant							
	R410A	R410A	R410A				
Additional Data							
Air Direction: Horizontal		Manual	Manual				
Air Direction: Vertical		Auto	Auto				
Apple Catechin Filter		Washable	Washable				
Ion Deodorizing Filter		Yes	Yes				
Connection Method		Yes	Yes				
Lineset Size	Inch	suc.3/8	dis.1/4	suc.3/8	dis.1/4	suc.1/2	dis.1/4

18, 24, 36, 45,000 BTU/HR MULTI-ZONE OUTDOOR UNITS



Outdoor unit

Contractors can select either an 18, 24, 36 or 45,000 BTU/HR outdoor unit combined with wall mounted, slim duct, compact cassette or floor mount type indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be hidden or showcased. These systems are ideal for nursing homes, doctor's offices, condominiums, apartments and residences—any place where individual cooling or heating is needed.

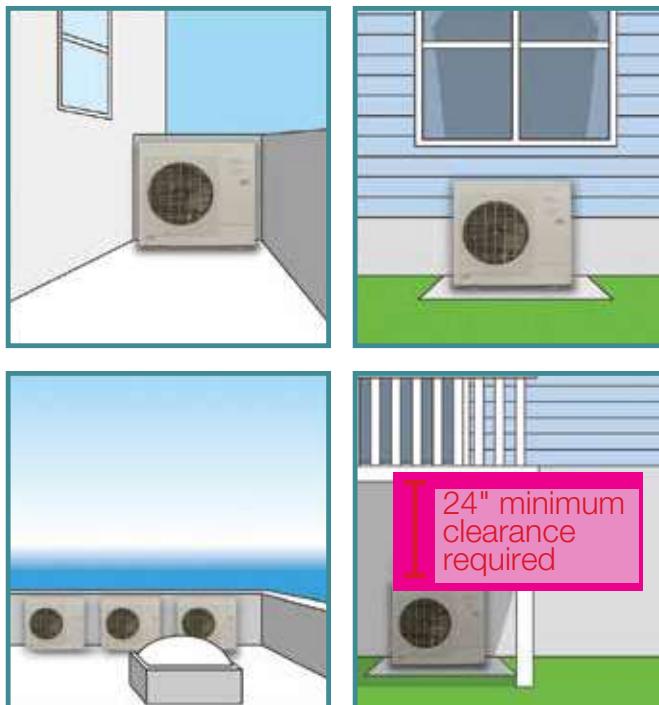
DC TWIN ROTARY COMPRESSOR

A high performance, low noise, large capacity DC twin rotary compressor is used.



COMPACT SIZE

The compact size of the outdoor units allows for many installation opportunities.



SERVICE VALVES

ROM18FXZHJ / ROM24FXZHJ

The above units have service valves.

BENEFITS:

- Installation – It allows for a quicker and more productive install.
- Service – Allows for isolation.
- Add Ons – Ease of additional add-ons.

The ROM36FXZHJ does not have this feature.



ENERGY STAR® QUALIFYING SYSTEMS:

INDOOR UNIT TYPE			
OUTDOOR UNIT	Non-ducted	Ducted	Mixed
ROMH18AFXZJ	★	—	—
ROMH24AFXZJ	★	—	—
ROMH36AFXZJ	—	—	—
ROMH45AFXZJ	—	—	—
ROMH18FXZHJ	★	—	—
ROMH24FXZHJ	★	—	—
ROMH36FXZHJ	★	—	—

ROMH18AFXZJ, ROMH24AFXZJ, ROMH36AFXZJ, ROMH45AFXZJ

ROMH18AFXZJ RIHW09+RIWH099	ROMH24AFXZJ RIWH09+ RIWH07+RIWH07	ROMH36AFXZJ RIWH09 x 4	ROMH45AFXZJ RIWH09 x 5
Performance			
Connectable Indoor Units	2	2 to 3	2 ¹ to 4
Connectable Unit Capacity Class	BTU/HR	14 to 21,000 ²	14 to 27,000 ²
Rated Capacity Cooling / Heating	BTU/HR	18,000 / 22,000	22,000 / 24,000
Cooling Operating Range	°F (°C)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	5~75 (-15~24)	5~75 (-15~24)
Electrical			
Rated Input Power Clg/Htg	kW	1.44/1.87	1.76/1.73
Voltage / Frequency / Phase		208-230/60/1	208-230/60/1
Maximum Total Current	Amps	10.0	13.7
Minimum Circuit Ampacity	Amps	12.1	16.7
Maximum Circuit Breaker	Amps	15	20
Fan: Type x Quantity		Propeller x 1	Propeller x 1
Sound Pressure Level Cooling	dB(A)	49	51
Sound Pressure Level Heating	dB(A)	49	52
Lineset Requirements			
Minimum Lineset Length Each	ft(m)	16 (5)	16 (5)
Maximum Lineset Length Each	ft(m)	82 (25)	82 (25)
Minimum Lineset Length Total	ft(m)	49 (15)	49 (15)
Maximum Lineset Length Total	ft(m)	164 (50)	164 (50)
Pre-Charge Length Total	ft(m)	98 (30)	98 (30)
Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit	ft(m)	49 (15)	49 (15)
Maximum Lineset Height Difference Btwn Indoor Units	ft(m)	33 (10)	33 (10)
Lineset Diameter	Inch	liq. 1/4 x 2 suc. 3/8 x 2	liq. 1/4 x 3 suc. 1/2 x 1, 3/8 x 2
Size & Weight			
Net Weight	lbs. (kg)	119 (54)	124 (56)
Height	Inch	27-9/16	27-9/16
	mm	700	700
Width	Inch	35-7/16	35-7/16
	mm	900	900
Depth	Inch	13	13
	mm	330	330
Refrigerant		R410A	R410A

¹18+18 is the only 2 indoor unit (RIWH, RIDH or RICH) combination and requires K9FZ1818

²See table for allowed combinations within this connectable capacity range.

18, 24, 36,000 BTUh LOW TEMPERATURE HEAT MULTI-ZONE OUTDOOR UNITS

AMBIENT HEATING TEMPERATURE OF -15°F

Other models may go as low as -5°F, however they do not include a base heater and other advancements found in Low Temperature Heat models. See the full story on page 12.

The base of Rheem's Low Temperature Heat outdoor condensing units.

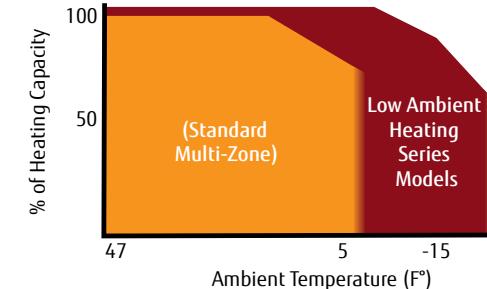


Base Heater
When temperatures reach 36°F, a built-in heater warms the base of the outdoor unit so that condensation doesn't freeze. Without a heater, freezing condensate can cause noise, damage to the fan blade, condenser, and system performance.

Base Drainage Holes
The contoured base design discharges melted water through many holes located at the bottom of the unit.

IMPROVED HEATING CAPACITY

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor.



SERVICE VALVES

ROM18FXZHJ / ROM24FXZHJ

The above units have service valves.

BENEFITS:

- Installation – It allows for a quicker and more productive install.
- Service – Allows for isolation.
- Add Ons – Ease of additional add-ons.

The ROM36FXZHJ does not have this feature.



ENERGY STAR® QUALIFYING SYSTEMS:

OUTDOOR UNIT	INDOOR UNIT TYPE		
	Non-ducted	Ducted	Mixed
ROMH18AFXZJ	★	—	—
ROMH24AFXZJ	★	—	—
ROMH36AFXZJ	—	—	—
ROMH45AFXZJ	—	—	—
ROMH18FXZHJ	★	—	—
ROMH24FXZHJ	★	—	—
ROMH36FXZHJ	★	—	—

HIGH-HEAT ROMH18FXZHJ, ROMH24FXZHJ, ROMH36FXZHJ

	ROMH18FXZHJ RIWH09+RIWH09	ROMH24FXZHJ RIWH09+RIWH07+RIWH07	ROMH36FXZHJ RIWH09 x 4
Performance			
Connectable Indoor Units	2	2 to 3	2 to 4
Connectable Unit Capacity Class	BTUh	14,000 to 21,000	14,000 to 27,000
Rated Capacity Cooling/Heating	BTUh	18,000/22,000	22,000/25,000
Cooling Operating Range	°F (°C)	14 to 115 (-10 to 46)	14~115 (-10~46)
Heating Operating Range	°F (°C)	-15 to 75 (-26 to 24)	-15~75 (-26~24)
Electrical			
Rated Input Power Clg/Htg	kW	1.33/1.70	1.65/1.81
Voltage/Frequency/Phase		208-230/60/1	208-230/60/1
Maximum Total Current	Amps	16.4	20.8
Minimum Circuit Ampacity	Amps	19.7	25.1
Maximum Circuit Breaker	Amps	20	30
Fan: Type x Quantity		Propeller x 1	Propeller x 1
Sound Pressure Level Cooling	dB(A)	48	50
Sound Pressure Level Heating	dB(A)	50	52
Lineset Requirements			
Minimum Lineset Length Each	ft(m)	16 (5)	16 (5)
Maximum Lineset Length Each	ft(m)	82 (25)	82 (25)
Minimum Lineset Length Total	ft(m)	49 (15)	49 (15)
Maximum Lineset Length Total	ft(m)	164 (50)	230 (70)
Pre-Charge Length Total	ft(m)	98 (30)	98 (30)
Maximum Lineset Height Difference Btwn Outdoor Unit & Furthest Indoor Unit	ft(m)	49 (15)	49 (15)
Maximum Lineset Height Difference Btwn Indoor Units	ft(m)	33 (10)	33 (10)
Lineset Diameter	Inch	liq. 1/4 x 2 suc. 3/8 x 2	liq. 1/4 x 3 suc. 1/2 x 1, 3/8 x 2
Size & Weight			
Net Weight	Ibs. (kg)	134 (61)	146 (66)
Dimensions: Height	Inch	32-11/16	32-11/16
	mm	830	830
Width	Inch	35-7/16	35-7/16
	mm	900	900
Depth	Inch	13	13
	mm	330	330
Refrigerant		R410A	R410A

ALLOWABLE COMBINATIONS



ROMH18AFXZJ
ROMH18FXZHJ
Connect 2 indoor units



ROMH24AFXZJ
ROMH24FXZHJ
Connect 2-3 indoor units

ROMH18AFXZJ / ROMH18FXZHJ		
ZONE 1	ZONE 2	TOTAL
7	7	14
7	9	16
7	12	19
9	9	18
9	12	21

CHOOSE AN OUTDOOR UNIT:

Select either an 18, 24, 36 or 45,000 BTUh outdoor unit combined with wall mounted, slim duct, compact cassette or floor mount type indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be hidden or showcased.

CHOOSE INDOOR UNITS:



RIWH07AVFJ
RIWH09AVFJ
RIWH12AVFJ
RIWH15AVFJ[◊]
RIWH18AVFJ
RIWH24AVFJ



RIDH07AVFJ
RIDH09AVFJ
RIDH12AVFJ
RIDH18AVFJ
RIDH24AVFJ



RICH07AVFJ
RICH09AVFJ
RICH12AVFJ
RICH18AVFJ



RIFH09AVFJ
RIFH12AVFJ
RIFH15AVFJ

= Allowed "Connectable Capacity" combinations over 100%



ROMH36AFXZJ
ROMH36FXZHJ
Connect 2-4 indoor units

ROMH36AFXZJ		
ZONE 1	ZONE 2	TOTAL
7	24	31
9	24	33
12	24	36
15	24	39

ROMH36AFXZJ / ROMH36FXZHJ				
ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL
18*	18*			36
7	7	15	+	29
7	7	18	+	32
7	7	24		38
7	9	12	+	28
7	9	15	+	31
7	9	18		34
7	12	12	+	31
7	12	15		34
7	12	18		37
9	9	9	+	27
9	9	12	+	30
9	9	15		33
9	9	18		36
9	12	12		33
9	12	15		36
9	12	18		39
12	12	12		36
12	12	15		39
7	7	7	7	28
7	7	7	9	30
7	7	7	12	33
7	7	7	15	36
7	7	7	18 [^]	39
7	7	9	9	32
7	7	9	12	35
7	7	9	15	38
7	7	12	12	38
7	9	9	9	34
7	9	9	12	37
9	9	9	9	36
9	9	9	12	45
9	9	12	12	46
9	9	12	15	49
9	9	12	18	51
12	12	12	12	36
12	12	15	15	39
12	12	18	42	42
12	12	24	48	48
12	15	15	42	42
12	15	18	45	45
12	18	18	48	48
12	18	24	54	54
15	15	15	45	45
15	15	18	48	48
15	15	24	54	54
15	18	18	51	51
18	18	18	54	54

ROMH45AFXZJ, con't				
ZONE 1	ZONE 2	ZONE 3	ZONE 4	TOTAL
7	7	7	15	36
7	7	7	18	39
7	7	7	24	45
7	7	9	12	35
7	7	9	15	38
7	7	9	18	41
7	7	9	24	47
7	7	12	12	38
7	7	12	15	41
7	7	12	18	44
7	7	12	24	50
7	7	15	15	44
7	7	15	18	47
7	7	15	24	53
7	7	18	18	50
7	9	9	9	34
7	9	9	12	37
7	9	9	15	40
7	9	9	18	43
7	9	9	24	49
7	9	12	12	40
7	9	12	15	43
7	9	12	18	46
7	9	12	24	52
7	9	15	15	46
7	9	15	18	49
7	9	18	18	52
7	12	12	12	43
7	12	12	15	46
7	12	12	18	49
7	12	15	15	49
7	12	15	18	52
9	9	9	9	36
9	9	9	12	39
9	9	9	15	42
9	9	9	18	45
9	9	9	24	51
9	9	12	12	42
9	9	12	15	45
9	9	12	18	48
9	9	12	24	54
9	9	15	15	48
9	9	15	18	51
9	9	18	18	54
9	12	12	12	45
9	12	12	15	48
9	12	12	18	51
9	12	15	15	51
9	12	15	18	54
9	12	18	18	54
9	12	24	54	54
9	15	15	45	45
9	15	18	48	48
9	18	18	51	51
9	18	24	54	54
9	18	30	54	54
9	18	36	54	54
9	18	42	54	54
9	18	48	54	54
9	18	54	54	54
9	18	60	54	54
9	18	66	54	54
9	18	72	54	54
9	18	78	54	54
9	18	84	54	54
9	18	90	54	54
9	18	96	54	54
9	18	102	54	54
9	18	108	54	54
9	18	114	54	54
9	18	120	54	54
9	18	126	54	54
9	18	132	54	54
9	18	138	54	54
9	18	144	54	54
9	18	150	54	54
9	18	156	54	54
9	18	162	54	54
9	18	168	54	54
9	18	174	54	54
9	18	180	54	54
9	18	186	54	54
9	18	192	54	54
9	18	198	54	54
9	18	204	54	54
9</td				

ACCESSORY COMPATIBILITY

¹If using RXRNBYU with these models you need to change the dip switch SW-1 to "ON". Refer to Tech Tip #028.

²Wall mounted RIWH09, 12, and 15RAHWJ / AHHJ require accessory interface kit #RXTWBXF1 in order to connect these devices to them.

³Wall mounted RIWH07, 09, and 12AVF require accessory interface kit #RXXCBXZ2 in order to connect these devices to them.

***Only multi-zone models greater than specific serial numbers are compatible with RXRVNUM. See Service Bulletin 0031 for serial number compatibility.**

bulletin 665 for serial number compatibility.

⁵Requires RXWIF

⁶Wireless Receiver #RXLRHUM is required in order to connect this device.

⁷Requires accessory interface kit #RXXXCBXZ2 and plug model #RXWIFI in order to connect these devices to them.

^aRequires accessory interface kit #RXTWBF1 and plug model #RXWIFI in order to connect these devices to them.

Requires necessary interface kit (INSTRUMENTATION and plug model INSTRUMENT) in order to connect these devices to them.

CONTROLS

Wired Remote Control	RXRNUM*	Group Control	
RXRNBYU^			
3-Wire			

The wired remote control with its unique lock function and sleek design provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Wired Remote Control	RXRVNUM	Group Control	
3-Wire			

Features a large backlit LCD display and displays the room temperature. Provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Simple Remote Control	RXRSNUM	Group Control	
3-Wire			

Suitable when only basic operations are required for hotels, offices and other places where there is frequent arrival and departure of occupants. Remote does not allow any timer settings.

Simple Remote Control	2-Wire	Group Control	
RXRSRY			

Backlit 2-wire remote with built in temperature sensor. Offers set point adjustment in 1°F increments. Concentrates on basic functions such as Start/Stop, fan control, temperature setting and operation mode.

Simple Remote Control	2-Wire	Group Control	
RXRHRY			

Backlit 2-wire remote with built in temperature sensor. Offers set point adjustment in 1°F increments. Concentrates on basic functions such as Start/Stop, fan control, and temperature setting.

Wired Remote (Touch Panel)	RXRNRUZ2	Group Control	
2-Wire			

Features a large backlit LCD display and displays the room temperature. Provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Wireless Remote Control	RXLNHUM	
For spaces where there is just no place to mount the wired remote or where wireless operation is preferred.		

Receiver Unit	RXLRHUM	
3-Wire		

For slim duct models.

Includes a wireless remote control.

Central Controller	RXDMMUM	
3-Wire		

This remote controls up to 8 individual indoor units. Set temperatures on timers to best meet individuals needs. Includes a large backlit LCD and 4-way navigation pad. Remote connects in daisy chain to branch boxes.

Remote Sensor	RXXS ZX	
Wall mounted room temperature sensor for slim duct models.		

Replaces room temperature sensor in the return when installed while still allowing for temperature correction.

IR Receiver Kit	RXLBTUC	
For large circular flow cassettes. Includes a wireless remote control.		

Thermostat Converter	RXTTRX	
Control products1 using a third party thermostat. Up to 16 indoor units can be connected as a group to one thermostat convertor.		

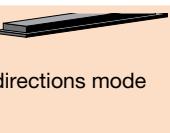
Control products1 using a third party thermostat. Up to 16 indoor units can be connected as a group to one thermostat convertor.

Group Control: With this feature, multiple evaporators can be 'daisy-chained' together on one single remote control, allowing for multiple single-zoned systems installed in an application to be grouped together by evaporator. The same feature can be used on a multi-zone system however, multiple multi-zone systems cannot be grouped together nor can a single-zone system be group controlled with a multi-zone system.

[^]Minimum Heat, Sleep Timer functions will be lost when the wired remote control is installed.

^{*}Wall mounted RIWH07, 09, and 12AVFJ require accessory interface kit (Part RXXCBXZ2) in order to connect this device to them. Wall mounted RIWH09, 12, and 15AHWJ / AHHJ require accessory interface kit (Part RXTWBXF1) in order to connect this device to them.

FRESH AIR INTAKE KITS

Air Outlet Shutter Plate	
RXYDZK	

Installed at the air outlet when 3-directions mode is performed.

High Humidity Insulation Kit	RXKXGC
Additional insulation for compact cassette units, which may be needed when they are installed in high humidity areas.	

Fresh Air Intake Kit
RXVXAA - for compact cassette units
Mixes room air then passes it through a heat exchanger. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2" W.C. or 90 CFM at .4" W.C. For fan static pressure requirements, see installation manual.

Air Outlet Shutter Plate	RXYDZB
In a 3-way air flow configuration an Air Outlet Shutter Plate kit is required to block air flow of 1 louver.	

Fresh air kit for AXCJC/AXJ systems. Kit contains Current Sensor with Built-in Relay and Switching Power Supply. Requires field supplied ductwork and a fan capable of generating 15 CFM at a static pressure of approximately 0.26" WC.

INTERFACE KITS

Dry Contact Wire Kit*	RXXWZX / RXXWZXZ5
Turns system on or off using a normally open circuit. For example in home automation, BMS integration of only On/Off operation, occupancy sensor, key card switch, or lead-lag control of other heating / cooling devices.	

Interface Kit	RXXCBXZ2
Required to connect RIWH07, 09, and 12AVFJ to Wired Remotes RXRNUM and RXRVNUM, Dry Contact Wire Kit RXXWZXZ5, and Simple Remote Control RXRSNUM.	

Interface Kit	RXTWBXF1
Required to connect the 09, 12, 15AHWJ / AHHJ to Wired Remotes RXRNUM and RXRVNUM, Dry Contact Wire Kit RXXWZXZ5, and Simple Remote Control RXRSNUM.	

Slim Duct Connector Kit	RXECS5A
Comes with 5 sets of wires. Can be used to turn unit on / off, wire in float switch, AUX heater, turn on an external device (Fan), or show if the unit is running.	

Outdoor Unit Input / Output Connector	RXXWZXZ3
Gives the ability to limit the noise of the unit*, stop the outdoor unit, limit power consumption*, control the operating mode (Htg/Clg), or use output status to see if the compressor is running. You will need to order a kit for each option.	

Interface Kit	RXXCSXZ1
Required to connect RIWH30AVFJ to Dry Contact Wire Kit RXXWZXZ3, and Lead Lag Control function^.	

Interface Kit Box	RGXXB
Used to conceal Interface Kit RXXCSXZ1.	

External Connect Kit	RXXWZXZG
Used to connect with various peripheral devices and all A/C PCBs. For control output port.	

External input and output PCB	RXXCSX
For ³ VGSN ² units, use to connect with external devices and A/C PCB.	

*Will reduce capacity.
^Wired remotes cannot be used when using this feature. This includes RXRNRUZ2, RXRVNUM, RXRNUM, RXRSNUM.

ADDITIONAL CONTROLS

3-Pole Single Throw Safety Switch	RXK3PST

<tbl_r cells="2" ix="1" maxcspan="1" maxrspan="1" used

LINE SET SIZES AND LENGTHS - SINGLE ZONE

	SINGLE-ZONE SYSTEMS																								
	WALL MOUNTED												FLOOR MOUNT				COMPACT CASSETTE								
	09AVSA	09AFWJ	09AHWJ	09AHJJ	12AVSA	12AFWJ	12AHWJ	12AHJJ	15AHWJ	15AHJJ	18ASJ	18AXFWJ	24ASJ	24AXFWJ	24AHXHJ	30AXJ	30AHXHJ	36AXJ	09AFFJ	09AFFHJ	12AFFJ	12AFFHJ	15AFFJ	09AFCJC	12AFCJC
1/4" x 3/8"	•	•			•	•	•	•																	
1/4" x 1/2"											•	•	•												
3/8" x 5/8"											•	•	•	•	•	•	•								
Total System																									
Max. Combined Pipe Length ft (m)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)		
Max. lineset length (Pre-charge) ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)		
Min. Lineset Length ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)		

■ While these systems share indoor units, different line sizes are required.

	SINGLE-ZONE SYSTEMS											
	SLIM DUCT			UNIVERSAL FLOOR / CEILING			CIRCULAR FLOW LARGE CASSETTE					
	09AFCJD	12AFCJD	18AFCJD	18AXJ	24AXJ	36ASXJ	18AXCJC	24AXCJC	30AXCJC	36AXCJC	42AXCJC	48AXCJC
1/4" x 3/8"	•	•										
1/4" x 1/2"			•	•			•					
3/8" x 5/8"				•	•		•	•	•	•	•	•
Total System												
Max. Combined Pipe Length ft (m)	66 (20)	66 (20)	66 (20)	165 (50)	165 (50)	165 (50)	164 (50)	164 (50)	164 (50)	164 (50)	164 (50)	164 (50)
Max. lineset length (Pre-charge) ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	66 (20)	66 (20)	66 (20)	98 (30)	98 (30)
Min. Lineset Length ft (m)	10 (3)	10 (3)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)

LINE SET SIZES AND LENGTHS - MULTI-ZONE

	MULTI / FLEX ZONE MODELS - INDOOR UNITS												SLIM DUCT		COMPACT CASSETTE		MIXED			
	WALL MOUNTED						FLOOR MOUNT		SLIM DUCT		COMPACT CASSETTE		MIXED		COMPACT CASSETTE		MIXED			
	RIWH07AVFJ	RIWH09AVFJ	RIWH12AVFJ	RIWH15AVFJ	RIWH18AVFJ	RIWH24AVFJ	RIFH09AVFJ	RIFH12AVFJ	RIFH15AVFJ	RIDH07AVFJ	RIDH09AVFJ	RIDH12AVFJ	RIDH18AVFJ	RIDH24AVFJ	RICH07AVFJ	RICH09AVFJ	RICH12AVFJ	RICH18AVFJ	RIWH18AVFJ x 2*	RIDH18AVFJ x 2*
1/4" x 3/8"	•	•	•																	
1/4" x 1/2"				•																
3/8" x 5/8"																				
Each Indoor Unit																				

Minimum and maximum pipe lengths for multi-zone units are found on pages 53 and 55.

*18+18 is the only 2 indoor unit combination allowed for ROMH36AFXZJ and requires kit RXK9FZ1818.

■ While these systems share indoor units, different line sizes are required.

	MULTI / FLEX ZONE MODELS - OUTDOOR UNITS						
	ROMH18AFXZJ	ROMH18FXZHJ	ROMH24AFXZJ	ROMH24FXZHJ	ROMH36AFXZJ	ROMH36FXZHJ	ROMH45AFXZJ25
	Total System						
Max. Combined Pipe Length ft (m)	165 (50)	165 (50)	165 (50)	165 (50)	230 (70)	230 (70)	264 (80)
Max. lineset length (Pre-charge) ft (m)	98 (30)	98 (30)	98 (30)	98 (30)	164 (50)	164 (50)	164 (50)
Min. Lineset Length ft (m)	49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	66 (20)	49 (15)

RHEEM® MODEL NOMENCLATURE

Mini-Split Outdoor Unit											
R	O	S	H	18	A	F	W	J	Revision Series (Option)		
Brand	Product Category	Unit Type	Functions	Capacity BTU/HR	Major System Series	System Type	Type (2)	Voltage	Revision Series (Option)		
R: Rheem	O: Mini-Split Outdoor Unit	S: Single Zone ODU M: Multi-Zone ODU	H: Heat Pump	09 - 9,000 12 - 12							

THINGS TO KNOW WHEN YOU BUY A RHEEM® DUCTLESS MINI-SPLIT SYSTEM

COMPLETE MINI-SPLIT SYSTEM LIMITED WARRANTY

Standard Limited Warranty

- 5-Year Parts, 7-Year Compressor Warranty

Standard Limited Warranty Extension:

- The Standard Limited Warranty covering parts and the compressor will be extended to a period of ten (10) years under specific conditions and online registration is required (RegisterMyUnit.com) For Complete details, contact your local Contractor, or go to Rheem.com for a copy of the product warranty certificate.

THINGS TO KNOW WHEN YOU INSTALL A RHEEM MINI-SPLIT SYSTEM

Warning

Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion. Use only parts and accessories supplied or specified by Rheem. Ask a licensed contractor to install parts and accessories. Use of unauthorized or improper installation of parts and accessories can result in injury or property damage. Read the owner's operation manual carefully before using this product. The owners operation manual provides important safety instructions and warnings which should be followed closely. For any questions or concerns, please contact Rheem. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit EnergyStar.gov.

Heat Pump Disclaimer

In most climates a heat pump will handle all of your heating needs. However, this system sometimes requires some other additional source of heat to satisfy heating requirements in the coldest environments. All of the Rheem Mini-Split Heat Pumps use inverter technology and as such offer a wider operating range and more heat capacity than a standard heat pump but will not provide adequate heating if improperly sized or operated outside of its operating range. Specifications vary by model; please consult your contractor before choosing a heat pump as your only source of heat. Systems will maintain temperature up to +/-4 degrees relative to set temperature. To increase energy efficiency on multi-type systems, you should turn off the evaporators when heating or cooling is not needed.

CERTIFICATIONS

ISO

Certification means that Rheem has passed a series of independent audits proving it maintains a modern quality control system to consistently provide quality products. These audits assess all a company's systems that affect quality. All Rheem manufacturing facilities have achieved the prestigious ISO 2001 Certification. Rheem was the first HVAC manufacturer in North America to earn this distinction in all its manufacturing facilities



AHRI Energy Guide® Program (U.S.)

To view AHRI numbers or Energy Guide labels, please go to www.ahridirectory.org.

ASTM

Our outdoor units shall withstand 1,000 hours of salt spray tested per procedure ASTM B117.



The new degree of comfort.®

Rheem® USA • 5600 Old Greenwood Rd • Fort Smith, Arkansas 72908 • www.Rheem.com

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