



Rinnai[®]

DUCTLESS DIRECT-VENT HEATERS A NEW APPROACH TO ZONE HEATING

ENERGY-EFFICIENT GAS DUCTLESS DIRECT-VENT HEATERS



intelligent heating solutions

As the world's largest manufacturer of gas appliances, Rinnai offers an energy-efficient heating solution that delivers comfortable, evenly distributed heat in any room or home. The Rinnai advantages are clear... lower energy cost and comfortable heat means a greener environment for all.



Advantage 1

Zone Heating Made Simple...

Rinnai's exclusive "Smart Technology" continually adjusts to provide comfortable and consistent heat to your room or home by constantly monitoring the area you're heating and detecting changes needed to maintain your desired comfort level. Maximum efficiency can be achieved with Rinnai's exclusive automatically adjusting heat output and fan. Select one of the fully programmable thermostat models, and efficient heating becomes as easy as 1-2-3.

Advantage 2

High Efficiency...

The use of an aluminized and stainless steel heat exchanger and modulating gas valve provide up to 83% AFUE efficiency. Select a seven-day programmable thermostat, and begin to manage your heating needs for additional energy savings. Unlike a traditional duct system, the Rinnai ductless heating system minimizes heat and energy loss. Its low electrical consumption also adds to its efficiency benefits.

Advantage 3

Flexible and Easy Installation...

Installation is made easy with a discreet termination kit only requiring a 3" hole and is included with each unit, accommodating most wall thicknesses.

Advantage 4

Quiet Operation...

Rinnai's ductless heaters are among the quietest operating on the market. Efficient fans offer exceptional air flow at very low decibels, a little louder than a whisper (31-47 dBA).

Advantage 5

Outstanding Warranty...

Rinnai is recognized around the world for innovation and quality manufacturing, offering one of the best product warranties in the industry. The heat exchanger is warranted for 10 years, all other parts are covered for five years, and labor for 2 years.

Advantage 6

A Safe and Healthy Environment...

The sealed combustion design ensures indoor air quality is not compromised. Combustion gases are not drawn into the living space, but are released directly outside. The child safety lock and "cool-to-the-touch" cabinet make it safe for the entire family.





ons...
SMART COMFORT...

Rinnai

TRADITIONAL VS. RINNAI APPROACH TO HEATING

Disadvantages of the Traditional Approach

- High operating costs
- Large fluctuations in room temperature
- Slow response to thermostatically controlled heat settings
- Poor distribution of the heat provided



NEW!

MODEL RHFE-201

Lower output for smaller areas

Advantages of the Rinnai Approach

- Energy-efficient and economical zone or whole-house heating
- Thermistor enables unit to register and quickly adapt to small temperature changes
- Heat supplied only as needed; effectively circulated through living space



HOW IT WORKS

The Thermistor

- Designed to accurately monitor room temperature at 2" off the floor
- Capable of detecting temperature changes as little as half of a degree
- Detects cold air that has entered the room and dropped to the floor

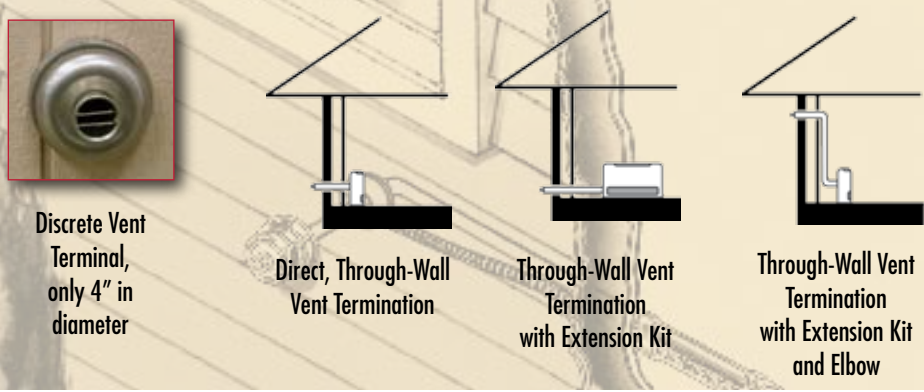
Rinnai Response

- Within 10 seconds, the Rinnai begins to gently heat the room at low fan speed
- It increases fan speed and BTU output if necessary to achieve set temperature
- Once desired temperature is achieved, the unit shuts off and goes into stand-by mode

Room Monitoring

- As the temperature of the room gradually drops, the ductless heater restarts and gradually warms the room back to the set temperature
- If there is a sudden injection of cold air, the unit will respond with higher fan speed and BTUs to quickly restore the set temperature

Installation and Venting Examples



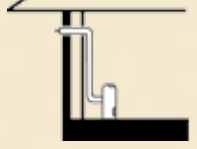
Discrete Vent Terminal, only 4" in diameter



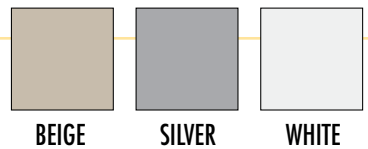
Direct, Through-Wall Vent Termination



Through-Wall Vent Termination with Extension Kit



Through-Wall Vent Termination with Extension Kit and Elbow



BEIGE

SILVER

WHITE

Product Applications

With Rinnai ductless heating units, enjoy comfortable heat in any type of:






- New Construction or Existing Homes
- Multifamily Housing
- Apartment Complex
- Room Addition, Basement Remodel or Sunroom
- Condo or Loft
- Cabin, Lake or Vacation Home
- Manufactured Housing

NOTE: Please visit local dealer showroom to view actual color representation of product. Silver & White available only with models RHFE-1004FA & RHFE-556WTA

PRODUCT SPECIFICATIONS

Model Number	Gas Type	Input Range (BTU) (Low/High)	AFUE Rating	Dimensions (W x H x D)	Wt. (lbs.)
RHFE-201-FA (Beige only)	NG	3,000 / 8,000	80.6%	16 3/4" x 26 5/8" x 9 7/8"	39
	LP	3,000 / 8,000	83.4%		
RHFE-263-FA (Beige only)	NG	5,500 / 11,000	80.0%	16 3/4" x 26 5/8" x 9 7/8"	37
	LP	5,700 / 11,000	80.0%		
RHFE-431FA (Beige only)	NG	8,200 / 16,700	80.8%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 16,700	81.0%		
RHFE-431WTA-A (Beige only)	NG	8,200 / 16,700	80.8%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 16,700	81.0%		
RHFE-556-FA (Beige only)	NG	8,200 / 21,500	80.6%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 20,700	81.0%		
RHFE-556WTA-A (Beige)* RHFE-556WTA-S (Silver) RHFE-556WTA-W (White)	NG	8,200 / 21,500	80.6%	29 1/2" x 21 13/16" x 9 7/8"	51
	LP	8,200 / 20,700	81.0%		
RHFE-1004FA-A (Beige) RHFE-1004FA-S (Silver) RHFE-1004FA-W (White)	NG	10,500 / 38,400	80.6%	36 5/8" x 26 3/8" x 13"	91
	LP	10,500 / 36,500	82.0%		

ACCESSORIES

Part Number	Description	Part Illustration / Image
EXTENSION KITS FOR 263, 431, AND 556		
FOT-155	11" - 20" Vent Pipe Extension	
FOT-156	21" - 40" Vent Pipe Extension	
FOT-157	60" - 80" Vent Pipe Extension	
FOT-158	Elbow	
FOT-190	Long Elbow	

ACCESSORIES

Part Number	Description
EXTENSION KITS FOR 1004 / RHFE-750	
FOT-102	11" - 20" Vent Pipe Extension
FOT-103	21" - 40" Vent Pipe Extension
FOT-114	60" - 80" Vent Pipe Extension
FOT-115	Elbow

NOTE: Weight specification is for shipping weight.

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to and upon installation.

FOR MORE INFORMATION ON RINNAI PRODUCTS

ADDITIONAL RINNAI LITERATURE AVAILABLE

RESIDENTIAL TANKLESS
WATER HEATERS



INTELLIGENT FIREPLACES



DUCTLESS HEATERS



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