

RINNAI DIRECT VENT WALL FURNACES

www.rinnai.us

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For Technical Information see www.rinnai.us

Expert Service. Quality Products. Since 1960.

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TRADITIONAL VS RINNAI APPROACH TO HEATING

The Traditional Approach

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

The Rinnai Approach

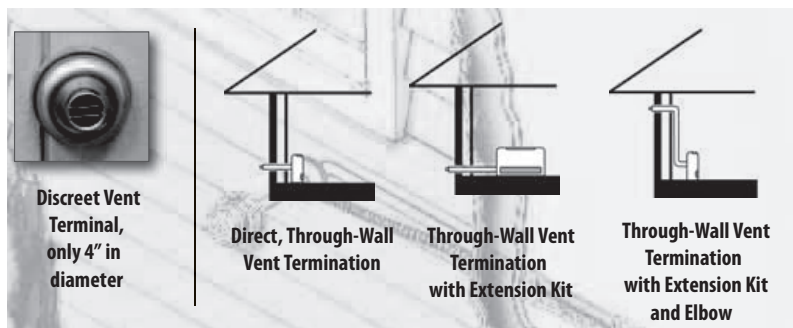
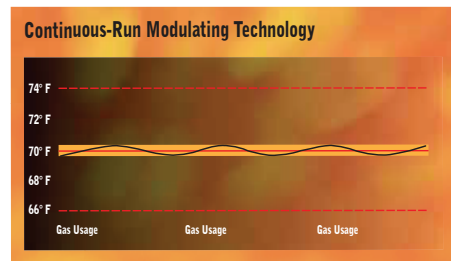
- Energy-efficient and economical zone or whole-house heating
- Wall furnace quickly adapts to small temperature changes
- Modulating blower and gas valve automatically adjust to individual heating needs, providing comfortable, consistent temperature from ceiling to floor
- No ductwork required

Modulating Technology

Modulating technology replaces only the heat escaping the structure by continuously operating at heating levels based on the current demand, which leads to lower gas usage and higher levels of comfort.

Venting Made Safe and Easy

Rinnai venting uses outside air which improves indoor air quality. It is easy to install and can be vented up to 13 feet.



For illustration only. Please reference the Owner's Manual for installation requirements.

HOW IT WORKS

Temperature-Sensing Thermistor

- Consistently monitors room temperature 2" off the floor
- Accurately detects temperature changes less than one degree

Rinnai Response

- Within 10 seconds, the Rinnai wall furnace begins to gently heat the room at low fan speed
- It increases fan speed and BTU output if necessary to achieve the desired temperature
- Once the desired temperature is achieved, the furnace goes into standby mode

Room Monitoring

- As the temperature of the room gradually drops, the wall furnace restarts and gradually warms the room back to the desired temperature
- If there is a sudden injection of cold air, the furnace automatically adjusts fan speed and BTUs to quickly restore the set temperature

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Benefits

- Modern cabinet design
- User-friendly controls
- Standby power of less than 1 watt
- Programmable thermostat (Celsius or Fahrenheit) with timer function
- Setback plus frost protection
- Gas type field convertible
- Auto restart
- Quiet operation
- Approved for use in high altitudes of up to 10,200 feet

Ultra Efficient Heating Solution

The Rinnai Direct Vent Wall Furnace's reputation lies in its ability to extract up to 83% AFUE efficiency through the use of a unique stainless steel heat exchanger, modulating gas valve and variable speed blower. Whether it's a whole-house or zone-heating solution, the Rinnai Wall Furnace will provide a comfortable living environment, reduce energy consumption and lower operating costs compared to a traditional furnace.

Advanced Safety Features

- "Cool-to-the-touch" cabinet
- Sealed combustion – protects indoor air quality
- Furnace automatically shuts down if vent is obstructed or blocked
- Child safety lock
- Electronic ignition – no pilot light
- Wind tunnel tested venting systems
- On-board self diagnostics for easier maintenance

Newly Designed, User Friendly

With the new user-friendly control panel, you can choose a set temperature or program the timers to take total control over your heating needs.



Product Applications

Enjoy comfortable heat in any type of:

- Room addition or sunroom
- Multifamily housing
- Basement remodel
- Condo or loft
- Cabin, lake or vacation home
- Electric-to-Gas conversion project
- Manufactured and mobile homes



EX08C/EX11C
(ideal output for smaller areas)



EX17C
(ideal output for mid-sized areas)



EX22C/EX22CW
(EX22CW shown)
(ideal output for mid to larger sized areas)



ES38
(ideal output for mid to larger sized areas)

ITEM #	MODEL	GAS TYPE	INPUT RANGE (BTU) (LOW/HIGH)	AFUE RATING	DIMENSIONS (") (W x H x D)	WT* (LBS)
858032	EX08C (RHFE202FTA-A) Beige only	NG	3,000/8,000	82%	18-1/4 x 27-3/8 x 10-1/8	46
858034	EX11C (RHFE265FTA-A) Beige only	NG	5,500/11,000	81%	18-1/4 x 27-3/8 x 10-1/8	46
858038	EX17C (RHFE434FTA-A) Beige only	NG	8,200/16,700	81%	29-7/8 x 22-7/8 x 10-1/8	57
858040	EX22C (RHFE559FTA-A) Beige	NG	8,200/21,500	81%	29-7/8 x 22-7/8 x 10-1/8	57
858044	EX22CW (RHFE559FTA-W) White	LP	8,200/20,700	82%	29-7/8 x 22-7/8 x 10-1/8	57
858048	ES38W** (RHFE1004FTA-W) White	LP	10,500/36,500	81%	36-5/8 x 26-3/8 x 13	90

NOTE: All direct-vent wall furnaces operate with electronic thermostat control.
When ordering, please specify gas type with a "P" for Propane and an "N" for Natural Gas.

*Weight specification is for shipping weight.

**Not C Series units.

– E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches –