

The comfort of consistent warmth.  
The confidence of superior engineering.

RINNAI ENERGYSAVER® DIRECT VENT WALL FURNACES



ENERGYSAVER® DIRECT VENT WALL FURNACES

**Rinnai**®

MAKE EVERY ROOM IN YOUR HOME  
a comfortable one.





At Rinnai, we create all of our products to deliver the kind of performance that makes you comfortable on every level. That means you can count on Rinnai EnergySaver® Direct Vent Wall Furnaces to give you cozy contentment that goes beyond warmth, all the way to unparalleled peace of mind and efficiency.

Transform any living space – from basement to sunroom, or even your whole home – with self-adjusting heat that keeps room temperature consistent, from floor to ceiling. Relax, knowing that nearly 100 years of engineering, quality and confidence go into every product we make. Enjoy savings that only this kind of efficiency and dependability can deliver. Save time, with a simple, versatile installation that fits your home seamlessly.

Get comfortable with Rinnai, a name trusted by pros and homeowners alike. And start enjoying every room in your home, with Rinnai EnergySaver® Direct Vent Wall Furnaces.



# Consistent warmth that transforms any space.

Looking for a cost-effective heating solution for nearly any living space, or even your whole home? Now you've found it. Rinnai EnergySaver® Direct Vent Wall Furnaces' advanced heating technology puts you in control of your comfort throughout every part of any room, completely and efficiently.

**Consistent, even heating:** Unique technology monitors room temperature, adjusting within seconds to maintain the pre-set temperature. So, your room stays consistently comfortable without big temperature swings.

**Reduced cold spots:** A variable-speed blower circulates warm air evenly throughout the room, for consistent warmth – even in corners. So it's never too cool at the floor or too warm up higher.

## Quality and reliability that deliver peace of mind.

Beyond comfort, we build confidence into every product we make. Our commitment to your peace of mind is proven in the way we design and test our EnergySaver® Direct Vent Wall Furnaces.

Our reliable, low-maintenance products feature a durable stainless steel heat exchanger and the assurance of proven engineering. With Rinnai's experienced support and a 10-year heat exchanger warranty\*, you can depend on years of comfort and warmth.

### Other features to ensure performance you can trust:

**Onboard diagnostics:** Onboard self diagnostics ensure your unit is performing optimally and simplifies troubleshooting if maintenance or service is needed.

**Auto restart:** In case of gas or power outages, the unit automatically resumes normal operation as soon as possible following the outage.

**Cool-touch cabinet:** Even while heating your space, the cool-to-the-touch cabinet keeps you and your family safe.

**Control panel lock:** The control panel locking feature prevents unintended operation – especially by children.

\*See Owner's Manual for complete warranty details.





## Efficient choices that save you money.

With a Rinnai EnergySaver® Direct Vent Wall Furnace, you'll be as comfortable with your energy bill as you are with your room temperature. Our technology uses only the exact amount of gas needed, optimizing energy efficiency. With multiple models, we have just the right size and configuration to complement your existing heating system.

**Save energy – and money:** Rinnai's unique modulating technology produces the specific level of heat needed at any given moment, responding immediately to even the smallest temperature changes.

**Automatically manage room temperature:** The easy-to-use programmable thermostat lets you automatically operate your unit at the optimum temperature, even when you're away. Set your unit to operate at a comfortable temperature while you're home, then automatically adjust to a lower setting when you're gone.

**Customized comfort:** Tailor supplemental or zone heating to your usage, habits and needs, for the most comfort in the most efficient way.

**Complement existing heating:** Rinnai EnergySaver® Direct Vent Wall Furnaces come in multiple sizes and can be used in a variety of configurations. That means you can supplement existing heating systems in the way that best suits your installation needs.

**Fast installation:** No ductwork means quicker installation.

## Don't just save energy. Save time.

Your time is precious. So, at Rinnai, we designed our EnergySaver® Direct Vent Wall Furnaces to save you time right from the start. Quick, professional installation allows you to start enjoying more comfort – sooner. Versatile venting options even give you the luxury of placing your unit in a variety of locations.

**Easy to get started:** With flexible venting placement, your unit can be positioned along almost any exterior wall. Your installer can help you choose the best location and install your unit the same day.


**Easy installation:** Simple one-hole venting makes installation fast and straightforward. All the parts your installer needs are included in the box with your unit, and installation by a trained experienced contractor typically takes just four hours or less.

**Set it and forget it:** Use the programmable thermostat to set your unit based on your habits and usage, and let your Rinnai EnergySaver® Direct Vent Wall Furnace do all the work.



# ENERGYSAVER® DIRECT VENT WALL FURNACES

## specifications.

	Models					
						
	EX08C (RHFE202FTA)		EX11C (RHFE265FTA)		EX17C (RHFE434FTA)	
	Beige		Beige		Beige	
	Gas Type		Gas Type		Gas Type	
	NG	LP	NG	LP	NG	LP
	Input Range (BTU) (Low / High)		Input Range (BTU) (Low / High)		Input Range (BTU) (Low / High)	
	3,000 / 8,000		5,500 / 11,000		8,200 / 16,700	
	AFUE Rating		AFUE Rating		AFUE Rating	
	82% NG	83% LP	81% NG	82% LP	81% NG	82% LP
Fan CFM Output (Low / High)	55.5 / 82.0		69.3 / 102.5		111.3 / 137.8	
	Dimensions (inches)		18.3w x 27.4h x 10.1d			
Shipping Weight* (lbs/kg)	46 lbs / 21 kg					
Power Consumption (Electronic ignition)	41 watts		44 watts		46 watts	
Standby Power Consumption						
Noise Level dB(A)	27 – 36		31 – 38		33 – 38	
Total Extended Vent (ft/m)	Not Allowed					
Total Vertical Vent (ft/m)			8† / 2.4			
Certifications						
Warranty					10 years on	

Approved for use at high altitudes up to 10,200'.

† only 5' allowed above 2000' elevation.

\*\*Rinnai EnergySaver® Direct Vent Wall Furnaces Limited Warranty: covers defects in materials or workmanship; extends to original purchaser and subsequent transferees, while product remains at site of original installation. Reasonable labor: 2 years from date of purchase; Parts: 5 years from date of purchase; Heat exchanger: 10 years from date of purchase. Some restrictions apply. For complete warranty details, please visit [www.rinnai.us](http://www.rinnai.us).

							
EX22C (RHFE559FTA)		EX22CW (RHFE559FTA-W)		ES38 (RHFE1004FTA)		ES38W (RHFE1004FTA-W)	
Beige		White		Beige		White	
NG	LP	NG	LP	NG		LP	
8,200 / 21,500	8,200 / 20,700	8,200 / 21,500	8,200 / 20,700	10,500 / 38,400		10,500 / 36,500	
81% NG	82% LP	81% NG	82% LP	80% NG		82% LP	
111.3 / 162.7				203.4 / 360.5			
29.9w x 22.98h x 10.1d				36.6w x 26.4h x 13d			
57 lbs / 26 kg				90 lbs / 41 kg			
56 watts				121 watts			
Less than 1 watt							
33 – 42				37 – 47			
13 / 4							
10 / 3				13 / 4			
CSA, ICC-ES-PMG							
the heat exchanger, 5 years on parts, 2 years on labor**							

# Accessories FOR FLEXIBLE INSTALLATION.

Rinnai EnergySaver® Direct Vent Wall Furnaces vent directly through an exterior wall, with discreet terminations only four inches in diameter. Available extension kits offer even more freedom for applications where the wall furnace isn't on the exterior wall.

VENT EXTENSION KITS					
Part Number	Extension Kit	EX11C	EX17C	EX22C/ EX22CW	ES38/ ES38W
FOT-155	12" to 20"	•			
FOT-156	21" to 40"	•			
FOT-157	61" to 80"	•			
FOT-158 <sup>††</sup>	Std Bent Elbow	•	•	•	
FOT-201 <sup>†††</sup>	Long Bent Elbow	•	•	•	NA
FOT-219	12" to 20"		•	•	
FOT-220	21" to 40"		•	•	
FOT-221	61" to 80"		•	•	
FOT-102	12" to 20"				•
FOT-103	21" to 40"				•
FOT-114	61" to 80"				•
FOT-115	Std Bent Elbow				•

<sup>††</sup> Only 1 allowed. <sup>†††</sup> FOT-201 replaces FOT-190 and now includes intake hose.

CONVERSION KITS		
Part Number	Gas Type	Fits Model Number
204000033	NG	EX08C
204000037	LP	
204000034	NG	EX11C
204000038	LP	
204000035	NG	EX17C
204000039	LP	
204000036	NG	EX22C/EX22CW
204000040	LP	
204000026	NG	ES38/ES38W
204000027	LP	

EXTENSION PIPE COVER KITS (LIMITED AVAILABILITY)					
Part Number	Description	EX11C	EX17C	EX22C/ EX22CW	ES38/ ES38W
FOT-132	Manifold Cover Kit				•
FOT-133	Cover Kit				•
FOT-134	Elbow Cover Kit				•
FOT-140	Manifold Cover Kit	•	•	•	
FOT-142	Elbow Cover Kit	•	•	•	





# DIRECT VENT venting.



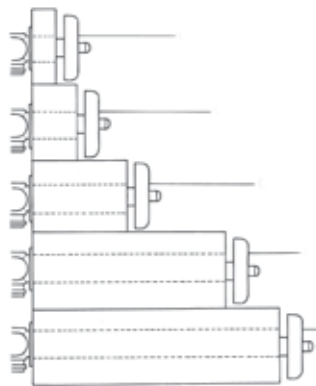
## VENT TERMINATIONS

Part Number	Description	Length (in)
<b>FOT-150</b>	S Vent	3 – 4.5
<b>FOT-151*</b>	A Vent	4.5 – 9.5
<b>FOT-152</b>	B Vent	9.5 – 15.75
<b>FOT-153</b>	C Vent	15.75 – 23.63
<b>FOT-154</b>	D Vent	23.63 – 31.5

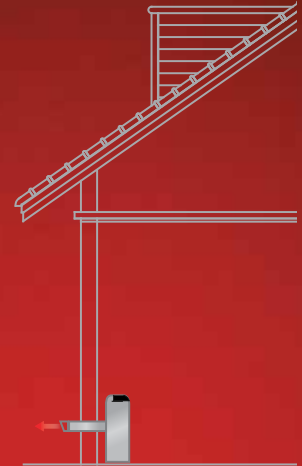
\*FOT-151 Standard termination, included with the unit.



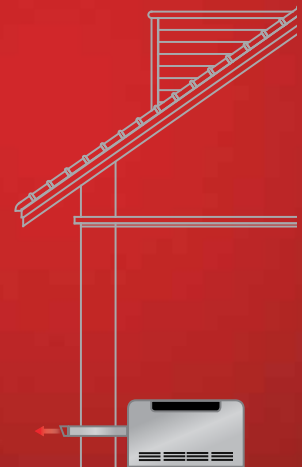
Discreet Vent Terminal,  
only 4" in diameter.



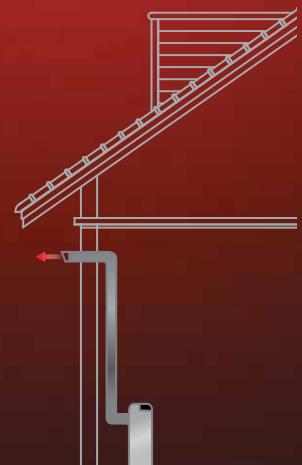
Direct,  
Through-Wall  
Vent Termination



Through-Wall  
Vent Termination  
with Extension  
Kit



Through-Wall  
Vent Termination  
with Extension  
Kit and Elbow

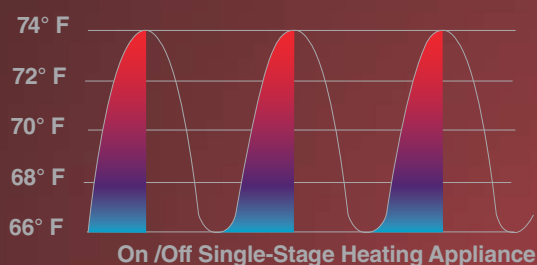


For illustration only. Please reference the Owner's Manual  
for installation requirements.

# See how the Rinnai EnergySaver® Direct Vent can work for you.

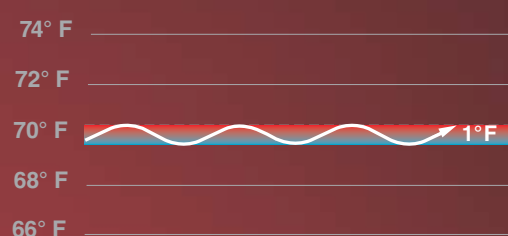
With a Rinnai EnergySaver® Direct Vent Wall Furnace, you can be assured of consistent comfort and warmth. Designed to constantly monitor room temperature, Rinnai's unique modulating technology can respond immediately to even the smallest temperature fluctuations.

## SINGLE-STAGE HEATER (ON/OFF)



*Traditional single-stage heating appliances have bigger swings in air temperature.*

## RINNAI MODULATING TECHNOLOGY



*Rinnai's modulating technology responds to small temperature changes, resulting in higher levels of comfort.*

## HOW IT WORKS

- Constantly monitors room temperature 2" from the floor
- Consistently detects temperature changes of less than 1° F
- Within seconds, the Rinnai EnergySaver® Direct Vent Wall Furnace begins to gently heat the room
- Fan speed and BTU output increase as necessary to reach the preset temperature
- As the room reaches the desired temperature, the EnergySaver® Direct Vent Wall Furnace reduces fan speed and BTU output
- In case of a sudden influx of cold air, the EnergySaver® Direct Vent Wall Furnace automatically adjusts fan speed and BTU to quickly restore warmth to the room

Heat is distributed evenly and heat loss is minimized since Rinnai EnergySaver® Direct Vent Wall Furnaces require no ductwork.

## USER-FRIENDLY CONTROL PANEL

Manage the temperature in your home with our user-friendly control panel. Simply choose a set temperature or customize heating during the day by programming the timers.

# Experience the ultimate comfort & **DEPENDABLE PERFORMANCE.**



## **Rinnai Condensing Boilers**

- Provide unparalleled comfort and efficiency
- The Q Premiere Boilers deliver an abundance of hot water and comfort — all while saving energy and space with the all-in-one design
- The Q Series Boilers provide consistent temperature delivery with installation flexibility
- The E Series Boiler offers faster hot-water delivery with domestic hot water priority



## **Rinnai EnergySaver® Direct Vent Wall Furnaces**

- Provide consistent warmth and comfort delivered by the modulating gas valve and variable speed blower
- Designed with safety features including lockable controls, auto restart and cool-to-the-touch cabinet
- Save on energy
- Easily installed with no ductwork and multiple venting options



## **Rinnai Vent-Free Fan Convectors**

- Provide whole-room comfort with advanced heating technology
- Decrease energy bills using supplemental heat with no ducts or vents
- Provide years of safety, quality and reliability



# A tradition of **TRUE RELIABILITY.**

For nearly 100 years, we at Rinnai have been fiercely committed to delivering nothing less than a superior experience at every touch point.

Beyond manufacturing the highest quality products, our people stand behind all that we make—before, during and long after installation. From the 24/7/365 technical support for professionals, to our national network of independent installers for homeowners, to on-staff engineers who can assist with choosing the right products and sizes—we're inspiring confidence right along with the comfort our solutions provide.



Learn more about Rinnai high-performance Tankless Water Heaters, Hybrid Tank-Tankless Water Heaters, Boilers, Vent-Free Fan Convectors and Direct Vent Wall Furnaces at **[www.rinnai.us](http://www.rinnai.us)**

## **Rinnai**<sup>®</sup>

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