Inspections Division
Date: 05/23/17

The Confidence Of Superior Engineering.

THE COMFORT OF CONSISTENT WARMTH.

ENERGYSAVER® DIRECT VENT WALL FURNACES

Rinnai®

Inspections Division
Date: 05/23/17

MAKE EVERY ROOM IN YOUR HOME a comfortable one.

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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.

A Warm Welcome In Every Room.

THE RINNAI ENERGYSAVER®

Inspections Division
Date: 05/23/17

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 model is performing optimally and simplifies troubleshooting if maintenance or service is needed.

Auto restart: In case of gas or power outages, the model 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.

*For complete information and details regarding Rinnai's warranty, please visit rinnai.us.

Inspections Division
Date: 05/23/17

DIRECT VENT WALL FURNACE

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 modulates the usage of gas, optimizing energy efficiency. With multiple models, we have just the right size and configuration to heat your whole home or 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 model at the optimum temperature, even when you're away. Set your model 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 model in a variety of locations.

Easy to get started: With flexible venting placement, your model can be positioned along almost any exterior wall. Your installer can help you choose the best location and install your model 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 model, 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 model based on your habits and usage, and let your Rinnai EnergySaver® Direct Vent Wall Furnace do all the work.

Inspections Division
Date: 05/23/17

See How The Rinnai EnergySaver® Direct Vent Wall Furnace

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.

RINNAI MODULATING TECHNOLOGY

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

SINGLE-STAGE HEATER (ON/OFF)

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

HOW IT WORKS

- Constantly monitors room temperature 2" (5 cm) 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.

Inspections Division
Date: 05/23/17

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.

Inspections Division
Date: 05/23/17

EnergySaver® Direct Vent Wall Furnaces

Model	EX08C (RHFE-202FTA)		EX11C (RHFE-265FTA)	
Color	Beige		Beige	
Gas Type	NG	LP	NG	LP
Input Range (BTU) (Low / High)	3,000 / 8,000		5,500 / 11,000	5,700 / 11,000
AFUE Rating	82%		81%	
Fan CFM (CMM) Output (Low / High)	48.3 / 78.6 (1.4 / 2.2)		96.4 / 128.5 (2.7 / 3.6)	
Dimensions - w, h, d Inches (mm)	18.3 x 27.4 x 10.1 (465 x 695 x 257)		18.3 x 27.4 x 10.1 (465 x 695 x 257)	
Shipping Weight (lbs/kg)	46 lbs / 21 kg		46 lbs / 21 kg	
Power Consumption (Electronic ignition)	41 watts		44 watts	
Standby Power Consumption	Less than 1 watt		Less than 1 watt	
Noise Level dB(A)	27 – 36		31 – 38	
Total Extended Vent (ft/m)	Not Allowed		13 / 4	
Total Vertical Vent (ft/m)	Not Allowed		8† / 2.4	
Certifications	CSA, ICC-ES-PMG		CSA, ICC-ES-PMG	
Warranty*	10 years on the heat exchanger, 5 years on parts, 2 years on labor			
Approved Altitude - Feet (m)	10,200 (3,109 m)		10,200 (3,109 m)	

† only 5' allowed above 2000' elevation.

*For complete information and details regarding Rinnai's warranty, please visit rinnai.us.

WALL FURNACES SPECIFICATIONS

Inspections Division
Date: 05/23/17

EX17C (RHFE-434FTA)		EX22C (RHFE-559FTA) / EX22CW (RHFE-559FTA-W)		EX38C (RHFE-1005FTA) / EX38CW (RHFE-1005FTA-W)	
Beige		Beige / White		Beige / White	
NG	LP	NG	LP	NG	LP
8,200 / 16,700		8,200 / 21,500	8,200 / 20,700	13,200 / 38,400	13,200 / 36,500
81%		81%		81%	
111.3 / 141.5 (3.2 / 4.0)		111.3 / 162.7 (3.2 / 4.6)		190.7 / 263.0 (5.4 / 7.4)	
29.9 x 22.9 x 10.1 (760 x 582 x 257)		29.9 x 22.9 x 10.1 (760 x 582 x 257)		36.6 x 26.4 x 13 (930 x 670 x 320)	
57 lbs / 26 kg		57 lbs / 26 kg		88 lbs / 40 kg	
46 watts		56 watts		117 watts	
Less than 1 watt		Less than 1 watt		Less than 1 watt	
33 – 38		33 – 42		39 – 46	
13 / 4		13 / 4		13 / 4	
10 / 3		10 / 3		10 / 3	
CSA, ICC-ES-PMG		CSA, ICC-ES-PMG		CSA, ICC-ES-PMG	
10 years on the heat exchanger, 5 years on parts, 2 years on labor					
10,200 (3,109 m)		10,200 (3,109 m)		10,200 (3,109 m)	

Accessories For Flexible Installation.

THE RINNAI ENERGYSAVER

Inspections Division
Date: 05/23/17

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	EX38C/ EX38CW
FOT-155	12" to 20" (304 to 508 mm)	•			
FOT-156	21" to 40" (533 to 1,016 mm)	•			
FOT-157	61" to 80" (1,550 to 2,032 mm)	•			
FOT-158*	Std Bent Elbow	•	•	•	
FOT-201*	Long Bent Elbow	•	•	•	
FOT-219	12" to 20" (304 to 508 mm)		•	•	
FOT-220	21" to 40" (533 to 1,016 mm)		•	•	
FOT-221	61" to 80" (1,550 to 2,032 mm)		•	•	
FOT-102	12" to 20" (304 to 508 mm)				•
FOT-103	21" to 40" (533 to 1,016 mm)				•
FOT-114	61" to 80" (1,550 to 2,032 mm)				•
FOT-115	Std Bent Elbow				•

*Please consult the Owner's Operation and Installation Manual for complete venting information.

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	EX38C/EX38CW
204000027	LP	

EXTENSION PIPE COVER KITS (LIMITED AVAILABILITY)

Part Number	Description	EX11C	EX17C	EX22C/ EX22CW	EX38C/ EX38CW
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 WALL FURNACE

Inspections Division
Date: 05/23/17

VENT TERMINATIONS

Part Number		Description	Fits Wall Thickness - in (mm)
1	FOT-150	S Vent	3 – 4.5 (76 – 114)
2	FOT-151**	A Vent	4.5 – 9.5 (114 – 241)
3	FOT-152	B Vent	9.5 – 15.75 (241 – 400)
4	FOT-153	C Vent	15.75 – 23.63 (400 – 600)
5	FOT-154	D Vent	23.63 – 31.5 (600 – 800)

**FOT-151 Standard termination, included with the model.

Discreet Vent Terminal, only 4" (100 mm) in diameter.

DIRECT VENT venting.

Direct, Through-Wall Vent Termination

Through-Wall Vent Termination with Extension Kit

Through-Wall Vent Termination with Extension Kit and Elbow

Please consult the Owner's Operation and Installation Manual for installation requirements.

Inspections Division
Date: 05/23/17

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.

Rinnai®

Learn more about Rinnai high-performance Tankless Water Heaters, Hybrid Tank-Tankless Water Heaters, Boilers, Vent-Free Fan Convectors and EnergySaver® Direct Vent Wall Furnaces at:

www.rinnai.us

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R-CNHT-E-06 r2
DV-V2

06/2015