

RINNAI DIRECT-VENT WALL FURNACES

www.rinnai.us

RINNAI DIRECT-VENT WALL FURNACES

www.rinnai.us

INDEX

ACCESSORIES.....	2-5
DIRECT-VENT WALL FURNACES	2-4
INTRODUCTION.....	2-2

ECCO is proud to be a member of:



ASHRAE
 American Society of
 Heating, Refrigerating, and
 Air-Conditioning Engineers, Inc.
 www.ashrae.org



HRAI
 Heating, Refrigeration and
 Air Conditioning
 Institute of Canada
 www.hrai.ca



HARDI
 Heating, Airconditioning &
 Refrigeration Distributors
 International
 www.hardinet.org



SMACNA
 Sheet Metal and Air
 Conditioning Contractors'
 National Association
 www.smacna.org



SPIDA
 Spiral Duct
 Manufacturers
 Association
 www.spida.org



CIPH
 Canadian Institute
 of Plumbing &
 Heating
 www.ciph.com

RINNAI DIRECT-VENT WALL FURNACES

www.rinnai.us

INTELLIGENT HEATING SOLUTIONS

When winter sets in, there are certain rooms that are used less because of cold spots. However, with the consistent and even heat provided by a Rinnai Direct Vent Wall Furnace, you can enjoy comfortable heat anywhere, all winter long. Rinnai Wall Furnaces are efficient and easy to install. And, the innovative cool-to-the-touch cabinet makes them safe for the whole family.

Benefits of the “C Series”

- 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)

– E.&O.E. – May not be in stock at all branches, if so please allow 10 days for delivery. –
 – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –

RINNAI DIRECT-VENT WALL FURNACES

www.rinnai.us

TRADITIONAL VS RINNAI APPROACH TO HEATING

The Traditional Approach

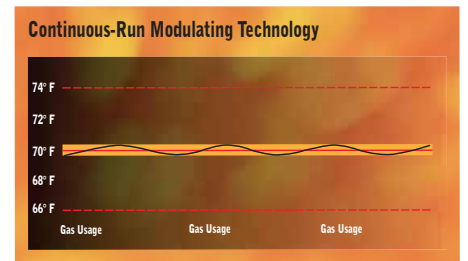
- Higher operating costs
- Large fluctuations in room temperature
- Slow response to thermostatically controlled heat settings
- Poor distribution of the heat provided through leaky ducts

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

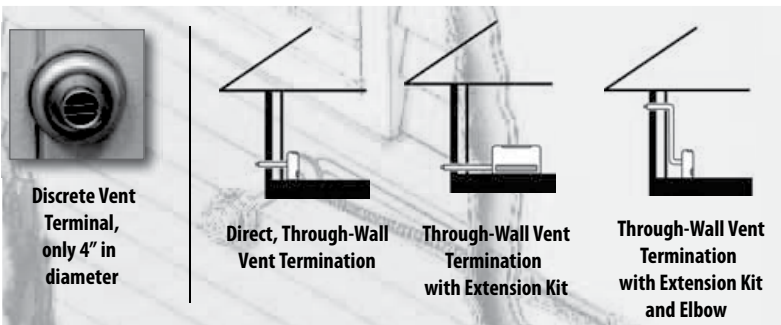
Modulating Technology

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

– E.&O.E. – May not be in stock at all branches, if so please allow 10 days for delivery. –
– All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –

RINNAI DIRECT-VENT WALL FURNACES

www.rinnai.us

WALL FURNACES — DIRECT-VENT — ENERGY SAVER®

"C" Series

- Up to 83% AFUE efficiency
- Easy operation, one-touch ignition
- 7-stage modulating gas valve and blower control
- Setback
- Programmable thermostat
- Gas type is field convertible
- Restart function allows automatic restart
- FOT-151 kit included (Termination A)
- Temperature in Celsius or Fahrenheit
- Standby power less than 1 Watt



EX08C/EX11C



EX17C



EX22C/EX22CW
(EX22CW shown)



ES38

STOCK #	MODEL		GAS TYPE	INPUT RANGE (BTU) (LOW/HIGH)	AFUE RATING	DIMENSIONS (") (W x H x D)	WT* (LBS)	PRICE
C858000	EX08C (RHFE-202FTA-A)	Beige only	NG	3,000/8,000	82%	18-1/4 x 27-3/8 x 10-1/8	46	P.O.A.
C858000	EX08C (RHFE-202FTA-A)	Beige only	LP	3,000/8,000	83%	18-1/4 x 27-3/8 x 10-1/8	46	P.O.A.
C858000	EX11C (RHFE-265FTA-A)	Beige only	NG	5,500/11,000	81%	18-1/4 x 27-3/8 x 10-1/8	46	P.O.A.
C858000	EX11C (RHFE-265FTA-A)	Beige only	LP	5,700/11,000	82%	18-1/4 x 27-3/8 x 10-1/8	46	P.O.A.
C858000	EX17C (RHFE-434FTA-A)	Beige only	NG	8,200/16,700	81%	29-7/8 x 22-7/8 x 10-1/8	57	P.O.A.
C858000	EX17C (RHFE-434FTA-A)	Beige only	LP	8,200/16,700	82%	29-7/8 x 22-7/8 x 10-1/8	57	P.O.A.
C858000	EX22C (RHFE-559FTA-A)	Beige	NG	8,200/21,500	81%	29-7/8 x 22-7/8 x 10-1/8	57	P.O.A.
C858000	EX22CW (RHFE-559FTA-W)	White	LP	8,200/20,700	82%	29-7/8 x 22-7/8 x 10-1/8	57	P.O.A.
C858000	ES38** (RHFE-1004RFA-A)	Beige	NG	10,500/38,400	80.6%	36-5/8 x 26-3/8 x 13	90	P.O.A.
C858000	ES38W** (RHFE-1004RFA-W)	White	LP	10,500/36,500	82%	36-5/8 x 26-3/8 x 13	90	P.O.A.

Conversion Kits

STOCK #	MODEL	(LP TO NG)	(NG TO LP)	PRICE
C858000	EX08C	204000033	204000037	P.O.A.
C858000	EX11C	204000034	204000038	P.O.A.
C858000	EX17C	204000035	204000039	P.O.A.
C858000	EX22C/EX22CW	204000036	204000040	P.O.A.

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. – May not be in stock at all branches, if so please allow 10 days for delivery. –
– All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –

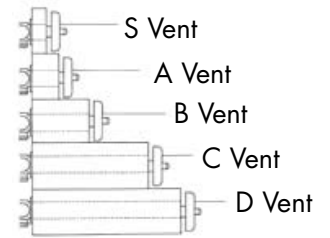
RINNAI DIRECT-VENT WALL FURNACES

www.rinnai.us

ACCESSORIES

VENT TERMINATIONS FOR ALL DIRECT VENT WALL FURNACES

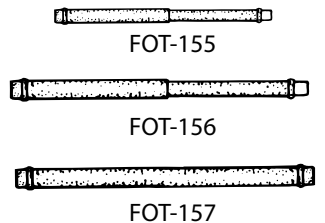
STOCK #	MODEL	DESCRIPTION	PRICE
858102	FOT-150	Vents 3" – 4-1/2" (S)	\$226.00
858104	FOT-151	Vent 4-1/2" – 9-1/2" Included with each unit (A)	230.00
858106	FOT-152	Vent 9-1/2" – 15-3/4" (B)	308.00
858108	FOT-153	Vent 15-3/4" – 23-5/8" (C)	308.00
858110	FOT-154	Vent 23-5/8" – 31-1/2" (D)	457.00



EXTENSION KITS

For EX11C

STOCK #	MODEL	DESCRIPTION	PRICE
858112	FOT-155	Vent Pipe Extension 11" – 20"	\$196.00
858114	FOT-156	Vent Pipe Extension 21" – 40"	286.00
858116	FOT-157	Vent Pipe Extension 60" – 80"	353.00



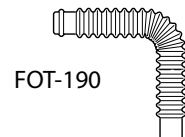
For EX17C/EX22C(W)

STOCK #	MODEL	DESCRIPTION	PRICE
858118	FOT-158	Elbow (Also works with EX11 Models)	\$110.00
C858000	FOT-201	Extension Kit – long elbow w/intake hose (also EX11)	P.O.A.
858122	FOT-219	Vent Pipe Extension 11" – 20"	214.00
C858000	FOT-220	Vent Pipe Extension 21" – 40"	P.O.A.
C858000	FOT-221	Vent Pipe Extension 60" – 80"	P.O.A.



For ES38

STOCK #	MODEL	DESCRIPTION	PRICE
858082	FOT-102	Vent Pipe Extension 11" – 20"	\$230.00
858084	FOT-103	Vent Pipe Extension 21" – 40"	295.00
858086	FOT-114	Vent Pipe Extension 60" – 80"	385.00
858088	FOT-115	Elbow	110.00



EXTENSION PIPE COVER KITS

STOCK #	MODEL	DESCRIPTION	FOR MODEL(S)	PRICE
858090	FOT-132	Manifold Cover Kit A	ES38, ES38W	\$327.00
858092	FOT-133	Straight Cover Kit A	ES38, ES38W	453.00
858094	FOT-134	Elbow Cover Kit A	ES38, ES38W	205.00
858096	FOT-140	Manifold Cover Kit B	EX11C, EX17C, EX22C(W)	327.00
858098	FOT-141	Straight Cover Kit B	EX11C, EX17C, EX22C(W)	442.00
858100	FOT-142	Elbow Cover Kit B	EX11C, EX17C, EX22C(W)	196.00

MISCELLANEOUS

STOCK #	MODEL	DESCRIPTION	PRICE
858080	FOT-077	Guard Net for Flue Top for all Direct Vent Wall Furnaces	\$539.00

– E.&O.E. – May not be in stock at all branches, if so please allow 10 days for delivery. –
– All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra –