

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that EDWIN FITZPATRICK

Located At 106 PARK ST

Job ID: 2012-10-5207-HVAC

CBL: 045-B-005-001

has permission to Install Rinnai Gas Boiler w/concentric wall vent

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer


Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-10-5207-HVAC

Located At: 106 PARK ST

CBL: 045- B-005-001

Conditions of Approval:

Historic

1. Entire installation to be painted out black to minimize visual impact.
2. Obsolete vent in other basement window opening to be removed and replaced with solid wood panel, painted black.

Building

1. The installation must comply with the State of Maine Gas Regulations.
2. The appliance and venting shall be installed in accordance with the UL listing, manufacturer's specifications, and NFPA 211

Fire

1. Installation shall comply with City Code Chapter 10 and manufacturer's installation instructions.
2. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
3. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*; NFPA 54, *National Fuel Gas Code*; NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2012-10-5207-HVAC	Date Applied: 10/17/2012	CBL: 045- B-005-001	
Location of Construction: 106 PARK ST	Owner Name: EDWIN FITZPATRICK	Owner Address: 106 PARK ST PORTLAND, 04101 ME - MAINE	Phone:
Business Name:	Contractor Name: LEONARD, RONALD E JR	Contractor Address: 6 PILLSBURY DR SCARBOROUGH MAINE 04074	Phone: 650-7967
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Three family dwelling	Proposed Use: Same: three family dwelling - to install Rinnai heater boiler w/concentric wall vent	Cost of Work: \$5,000.00	CEO District:
		Fire Dept: 10/25/12 <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R-2 Type: HVAC
Proposed Project Description: Install Rinnai Heater		Signature: <i>Bj Alexander</i> (58)	Signature: <i>JMB</i> 10/25/12
		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Brad	Zoning Approval		
<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK - 10/18/12</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation Within <input type="checkbox"/> Not in Dist or Landmark <input type="checkbox"/> Does not Require Review <input type="checkbox"/> Requires Review <input checked="" type="checkbox"/> Approved <i>10/24/12</i> <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Any exterior work requires A Sep 22th review & approval
	CERTIFICATION		

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

Contact: John Medizi - 400-7140



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Receipts Details:

Tender Information: Check , Check Number: 9940

Tender Amount: 120.00

Receipt Header:

Cashier Id: bsaucier

Receipt Date: 10/17/2012

Receipt Number: 49372

Receipt Details:

Referance ID:	8415	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	70.00	Charge Amount:	70.00
Job ID: Job ID: 2012-10-5207-HVAC - Install Rinnai Heater			
Additional Comments: 106 Park			

Referance ID:	8416	Fee Type:	BP-HRAD
Receipt Number:	0	Payment Date:	
Transaction Amount:	50.00	Charge Amount:	50.00
Job ID: Job ID: 2012-10-5207-HVAC - Install Rinnai Heater			

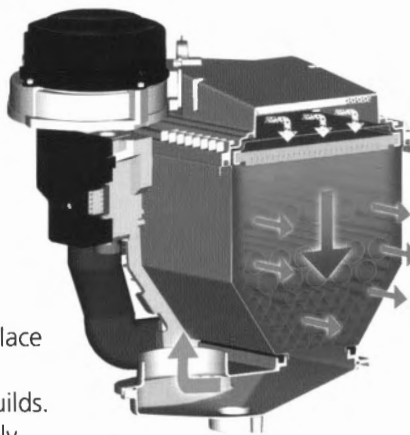


RINNAI CONDENSING TECHNOLOGY FOR HEATING YOUR WHOLE HOUSE – AND YOUR WATER

RINNAI CONDENSING WALL-MOUNTED GAS BOILERS FOR WHOLE-HOUSE HEATING AND HOT WATER

Optimum comfort. Minimum heating costs.

Heat an entire home – even get domestic hot water – with the economical, reliable and compact choice from Rinnai. Now, the premier name in tankless water heating brings you two series of wall-mounted, condensing gas boilers that can be easily retrofitted to replace traditional, less efficient boilers or provide simple, space-saving installation in new builds. All seven models feature Rinnai's exclusively designed stainless steel heat exchanger to deliver unparalleled performance and efficiency.



Choose from two lines, designed to fit your application.

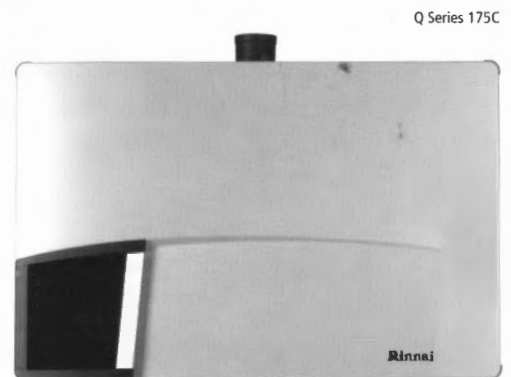
Rinnai offers more efficiency, more energy cost savings and more durability. Choose from the Rinnai E Series, perfect for homes with small domestic hot water needs, or the Q Series, ideal in all homes where there is a larger demand for domestic hot water. Four heating-only models and three combi models offer maximum BTU inputs ranging from 75,000 to 205,000 and operate on either natural gas or propane.

Rinnai E Series

- Two compact combi models for heating and domestic hot water
- Stainless steel heat exchanger
- Integrated stainless steel plate warming for faster domestic hot water delivery
- Integrated pump and expansion tank
- A variety of venting options

Rinnai Q Series

- Fully modulating pump combines with stainless steel heat exchanger to make this one of the more efficient units available
- Combi unit includes 6.6 gallon fully insulated indirect tank with built-in thermostatic mixing valve
- Optional 3-way diverter valve (indirect DHW tank kit) available for "S" System models



Q Series 175C

Benefits at a glance

- Up to 96.5% AFUE efficiency
- Stainless steel primary boiler heat exchanger
- Integrated domestic hot water plate exchanger
- Compact wall-mounted design saves space over traditional boilers
- Super quiet operation
- Optional internal 3-way valve eliminates the need for a pump for the indirect tank
- Outdoor reset function with sensor included
- Pre-assembled plumbing kits with low-loss header included
- Choose between propane or natural gas units (conversion kits available)
- Variety of venting options available, with direct-vent ready out-of-the-box; dual-pipe adaptor included
- ASME certified units
- ENERGY STAR® qualified models



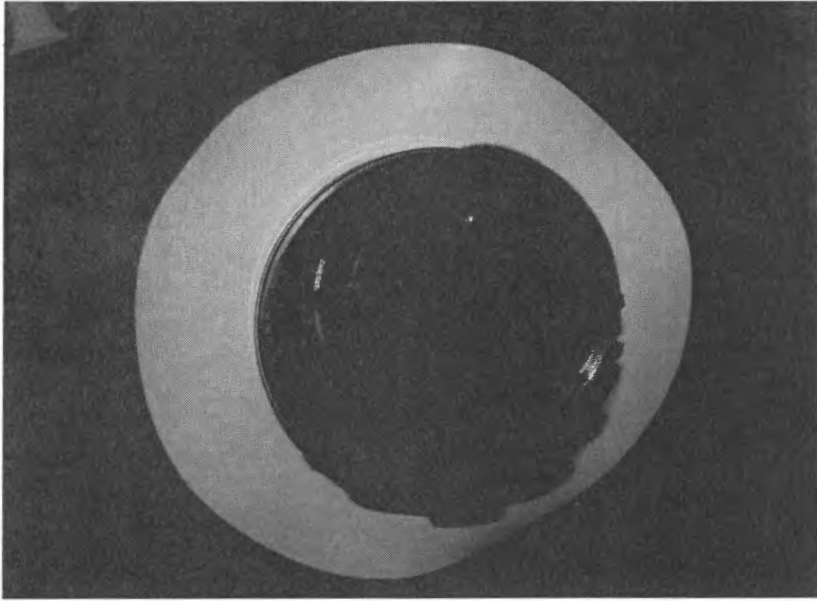
106 PARK ST. PORTLAND, ME HEATING VENT APPLICATION



FRONT ENTRY OF 106 PARK ST. VENT TO BE LOCATED TO LEFT OF STAIRS IN AREA WITH SHRUBS

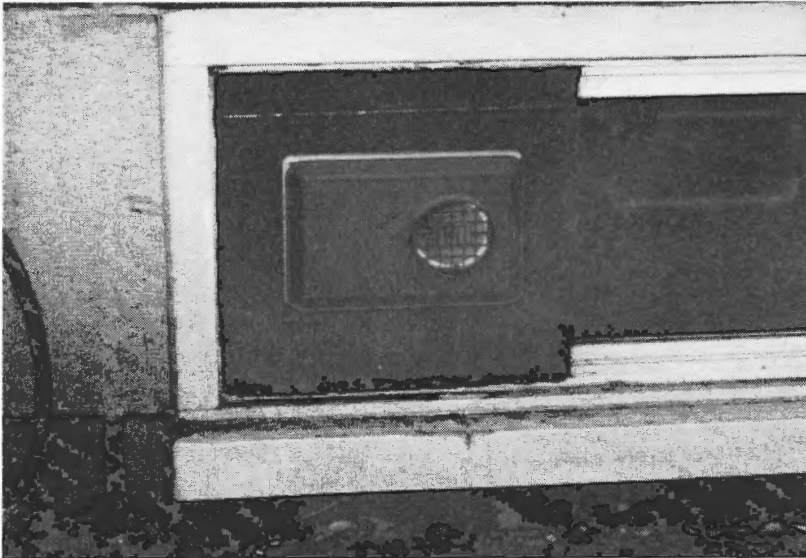


CLOSE UP VIEW OF AREA WHERE VENT WILL BE INSTALLED.

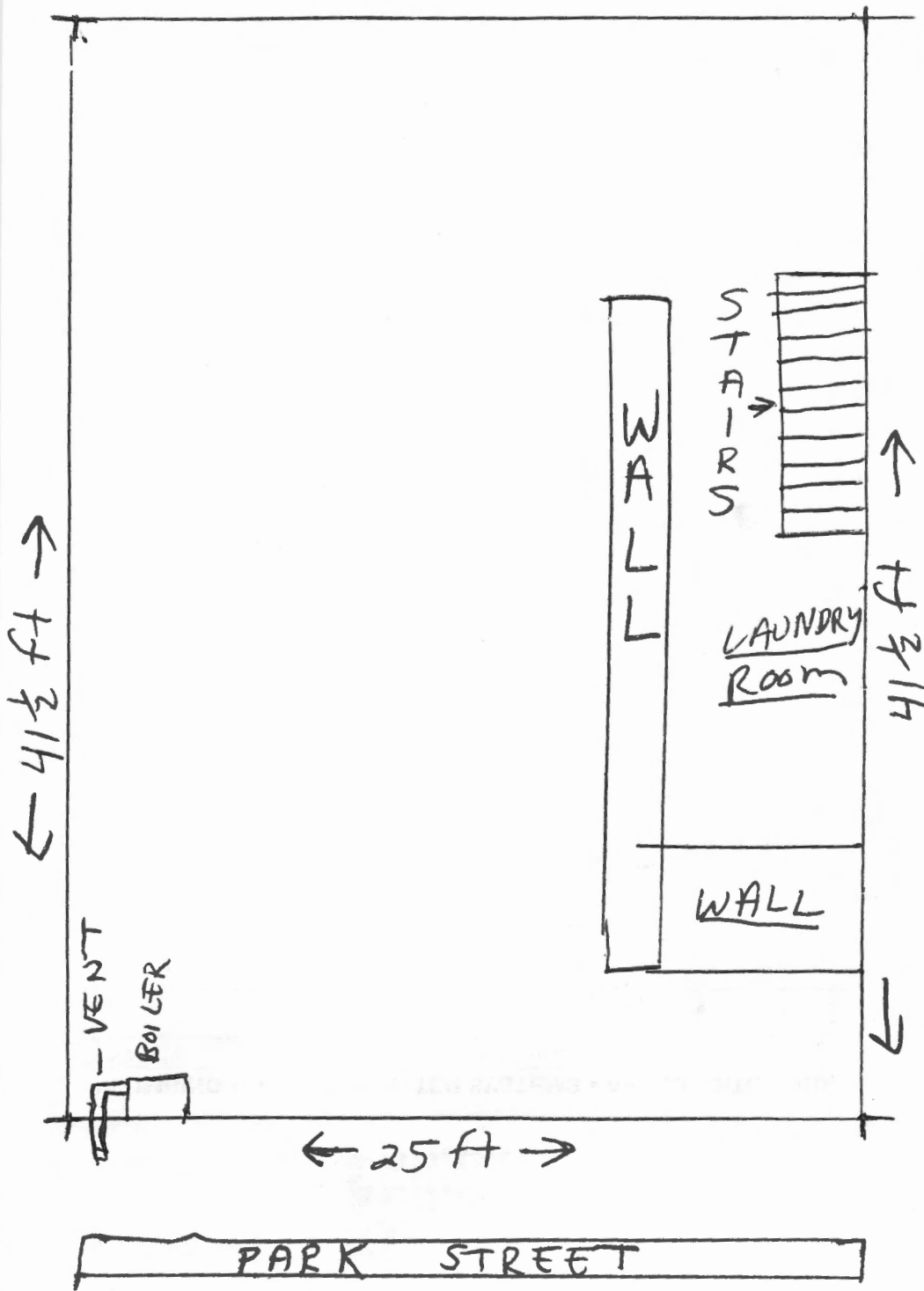


To be installed
— per Man. Spec
Height off Grade etc.

CLOSE UP PHOTO OF VENT FOR 106 PARK ST. VENT IS APPX. 6" ROUND.



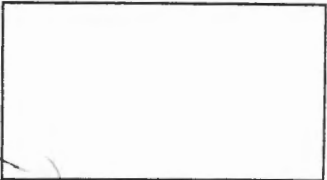
SIMILAR VENT IN ATTACHED NEIGHBORING PROPERTY.





FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



Entire 10/17/12

2012-10-5207 HYAC
R-6

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 106 Park St. 045 6005 Use of Building _____ Date 10-15-12
 Name and address of owner of appliance MRS. Fitzpatrick 106 Park St. Portland, Me.
 Installer's name and address Ron Leonard Telephone 650-7967

Location of appliance:

- Basement Floor
- Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: Rinnai

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

RECEIVED
 OCT 17 2012
 Dept. of Building Inspections
 City of Portland, Maine

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # _____
- Oil # _____
- Gas # PNT 2663
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # _____
- Direct Vent
Type Concentric UL# _____

Type of Fuel Tank

- Oil
- Gas NATURAL GAS

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ ~~5000.00~~ 5000.00

Permit Fee: \$ 70.00 = 120.00
historic 50

Approved

Approved with Conditions

Fire: _____ See attached letter or requirement
 Ele.: _____
 Bldg.: _____

contact John Medizi - 400-7140

Signature of Installer Ronald E Leonard Inspector's Signature _____ Date Approved _____

RINNAI CONDENSING WALL-MOUNTED GAS BOILERS

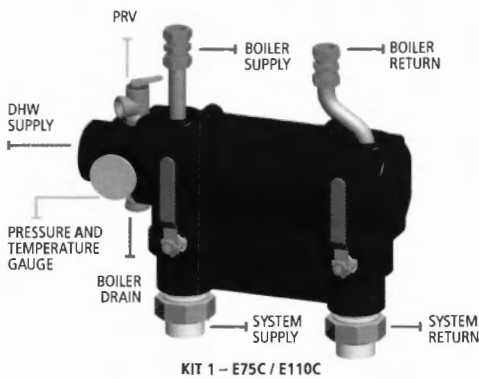


RS100

RS100 Controller

- Simple digital controller with backlit display
- Direct communication with boiler
- Adaptive room control
- Error reporting and auto service message
- Automatic summer/winter time change
- Local override of the room temperature
- Flow temperature control
- Features three clock programs and three week profile programs; programmable for holidays

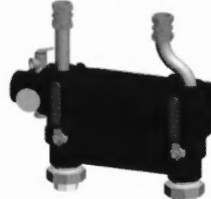
Plumbing Kits



KIT 1 – E75C / E110C



KIT 2 – Q85S / Q130S



KIT 3 – Q175S/Q175C/Q205S

Rinnai Condensing Wall-Mounted Gas Boilers – “C” Combi and “S” System

Models	E75C	E110C	Q85S	Q130S	Q175S	Q175C	Q205S
Dimensions	W 20" (500 mm) H 26" (650 mm)* D 16" (395 mm)	W 20" (500 mm) H 26" (650 mm)* D 16" (395 mm)	W 20" (500 mm) H 27" (680 mm) D 15" (385 mm)	W 20" (500 mm) H 27" (680 mm) D 15" (385 mm)	W 26" (660 mm) H 27" (680 mm) D 15" (385 mm)	W 40" (1000 mm) H 27" (680 mm) D 15" (385 mm)	W 26" (660 mm) H 27" (680 mm) D 15" (385 mm)
Weight	86 lbs (39 kg)	88 lbs (40 kg)	110 lbs (50 kg)	117 lbs (53 kg)	141 lbs (64 kg)	196 lbs (89 kg)	141 lbs (64 kg)
Minimum/Maximum Input BTU (Heating)	17,000-75,000 (NG) 37,000-75,000 (LP)	26,000-110,000 (NG) 59,000-110,000 (LP)	17,000-85,000 (NG) 37,000-85,000 (LP)	26,000-130,000 (NG) 59,000-130,000 (LP)	35,000-175,000 (NG) 74,000-175,000 (LP)	35,000-175,000 (NG) 74,000-175,000 (LP)	41,000-205,000 (NG) 74,000-205,000 (LP)
Minimum/Maximum Input BTU (Direct Hot Water)	17,000-85,000 (NG) 37,000-85,000 (LP)	26,000-130,000 (NG) 59,000-130,000 (LP)	Indirect tank compatible	Indirect tank compatible	Indirect tank compatible	6.2 GPM (50° F Delta T)	Indirect tank compatible
Maximum Flow Rate Domestic Hot Water	2.1 GPM (75° F Delta T)	4.6 GPM (50° F Delta T)	Indirect tank compatible	Indirect tank compatible	Indirect tank compatible	6.2 GPM (50° F Delta T)	Indirect tank compatible
AFUE Rating (NG and LP)	96.5%	96.1%	96.1%	96.1%	95.7%	95.7%	95.7%
Optional Digital Controller (s)	RS100	RS100	RS100	RS100	RS100	RS100	RS100

*Includes expansion tank

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.

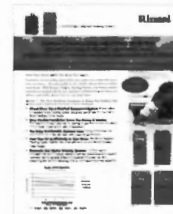
FOR MORE INFORMATION ON RINNAI PRODUCTS

ADDITIONAL RINNAI LITERATURE AVAILABLE

RESIDENTIAL TANKLESS WATER HEATERS



HYDRONIC FURNACES



DIRECT VENT WALL FURNACES



Rinnai America Corporation

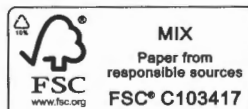
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Visit our Website: www.rinnai.us

E-mail: marketing@rinnai.us



Rinnai

