

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that ESTHER H WID WWII VET LEVINE located At 73 SPRUCE ST

Job ID: 2012-09-4937-HVAC

CBL: 056-D-014-001

has permission to Replace boiler w/new one; same loc; vent in chimne
provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues 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.**

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

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Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-09-4937-HVAC

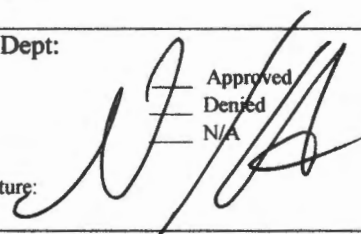
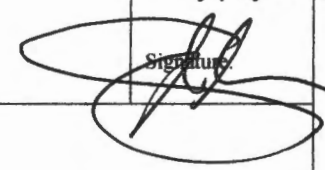
Located At: 73 SPRUCE ST

CBL: 056- D-014-001

Conditions of Approval:

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-09-4937-HVAC	Date Applied: 9/11/2012	CBL: 056- D-014-001	
Location of Construction: 73 SPRUCE ST	Owner Name: SPRUCE STREET ASSOCIATES LLC	Owner Address: 73 SPRUCE ST PORTLAND, ME 04102	Phone:
Business Name:	Contractor Name: Glenn Boucher	Contractor Address: 211 DENNETT RD BIDDEFORD MAINE 04005	Phone: (207) 229-8147
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Two Family Dwelling	Proposed Use: Same: Two Family Dwelling - to install Peerless boiler replacement	Cost of Work: \$15,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R-3 Type: HVAC
Proposed Project Description: Replace boiler w/new one; same loc; vent in chimne		Signature: 	Signature: 
		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Brad	Zoning Approval
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<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: 9/12/12	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 <i>w/in</i> <input type="checkbox"/> Not in Dist or Landmark <input type="checkbox"/> Does not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: Any exterior work requires a separate review & approval
	CERTIFICATION		

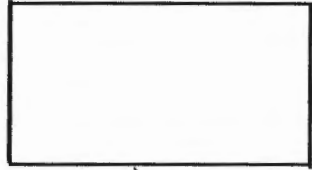
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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



FILL IN AND Sign WITH INK R-6, Historic

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



2012-09-4937-HVAC
To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Entered 9/11/12 (13)

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 73 Spruce OS6 D014 Use of Building _____ Date _____

Name and address of owner of appliance DEBRAH GORDEN
73 SPRUCE ST. PORTLAND, ME. Spruce St Associates

Installer's name and address GLENN BOUCHER
211 DENNETT RD. BIDDEFORD, ME 04005 Telephone 207-229-8147

Location of appliance:
 Basement Floor
 Attic Roof

Type of Chimney: NEW 7" FLEX STAINLESS STEEL.
 Masonry Lined
Factory built

Type of Fuel:
 Gas Oil Solid

Metal
Factory Built U.L. Listing # _____

Appliance Name: PEERLESS Boiler
U.L. Approved Yes No

Direct Vent Type Rinnai VT5i UL# _____
WATER HEATED. TANKLESS.

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

Type of Fuel Tank
 Oil Gas

IF NO Explain: _____

Replacing same location
The Type of License of Installer:
 Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PWT562
 Other _____

Soef Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 15,000

Permit Fee: \$ 170

Venting to Chimney

Approved
Fire: _____
Ele.: _____
Bldg.: _____

Approved with Conditions
 See attached letter or requirement
Inspector's Signature _____ Date Approved _____

Signature of Installer Glenn A Boucher

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy



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Receipts Details:

Tender Information: Check , Check Number: 3247

Tender Amount: 170.00

Receipt Header:

Cashier Id: bsaucier

Receipt Date: 9/11/2012

Receipt Number: 48090

Receipt Details:

Referance ID:	7967	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	170.00	Charge Amount:	170.00
Job ID: Job ID: 2012-09-4937-HVAC - Replace boiler w/new one; same loc; vent in chimne			
Additional Comments: 73 Spruce			

Thank You for your Payment!



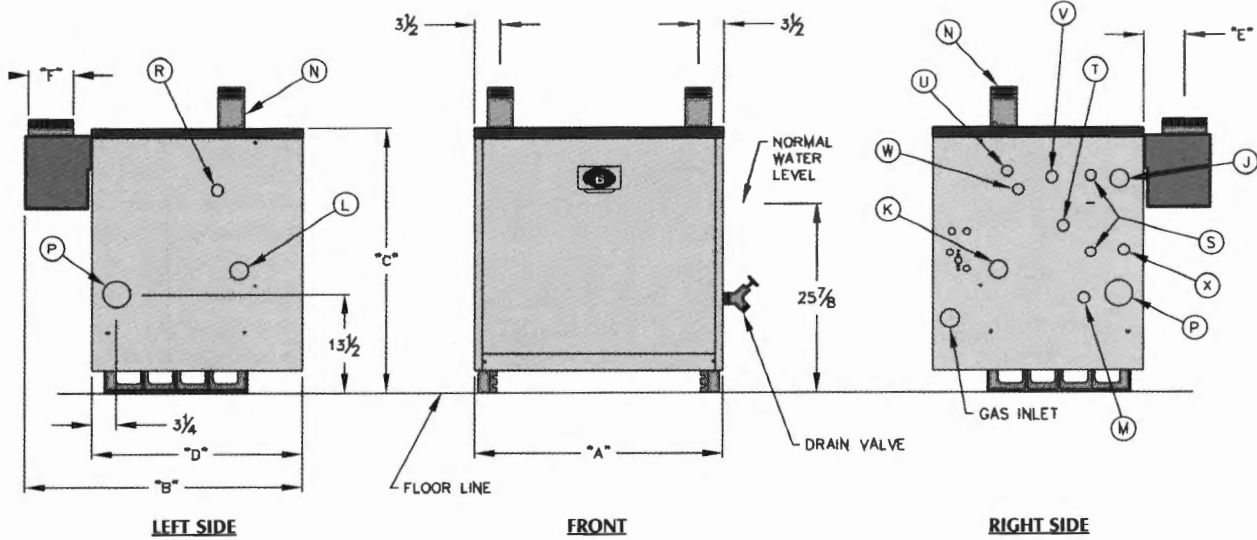
PeerlessBoilers.com

Series 63/64

*Residential/Semi-Commercial
Gas Boilers*



Technical Information



Boiler Dimensions

Boiler Model	Width "A"	Depth "B"	Top to Floor "C"	Jacket Depth "D"	Rear of Jacket to c/l of Flue "E"	Flue Size "F"
63-03L	16 1/8"	37 1/4"	36 3/8"	28 1/8"	5 5/8"	6"
63-03	20 3/8"				5 1/8"	7"
63-04L		24 5/8"			6 5/8"	8"
63-04	6 1/8"				9"	
63-05L	33 1/8"	43 1/8"			30 1/8"	7 1/2"
63-06				8 1/2"		12"
64-07	37 3/8"	45 1/8"				
64-08	41 5/8"					
64-09	45 7/8"					
64-10	50 1/8"					
64-11	54 3/8"					
64-12						

Tapping Locations

Tap ID	Size N.P.T.	Steam	Water
J	1 1/4"	Skim Tapping	Skim Tapping
K	1"	Tank Supply/Limit	N/A
L	1"	Tank Return	N/A
M	3/4"	Boiler Drain	Boiler Drain
N	3"	Supply	Supply
P	2 1/2"	Return	Return
R	3/4"	Safety Valve	Relief Valve
S	1/2"	Gauge Glass	N/A
T	3/4"	Primary Probe Low Water Cut-Off	N/A
U	3/4"	Primary Limit	Primary Limit
V	3/4"	Secondary Limit	Pressure/Temperature Gauge
W	3/4"	Pressure Gauge	Secondary Limit
X	3/4"	Secondary Probe Low Water Cut-Off	N/A

Installed By:



PeerlessBoilers.com



HI Division of gama



ASME



member
gama

Complete Warranty Program

We believe that the customer's peace of mind is very important. To help develop that security, we have created a comprehensive warranty program for both residential and commercial cast iron boilers. These warranties are "full cost" warranties (up to the original cost of the boiler), rather than the pro-rated warranties currently offered by other boiler manufacturers. This warranty coverage does not decrease with time, rather, it remains complete for the entire length of the warranty. Customers can rest easy, knowing that their new boiler will provide years of dependable home heating comfort.

All residential cast iron boilers include a full one-year warranty. The Series 63 has a limited, lifetime warranty on the cast iron sections of all water boilers and a

limited, ten-year warranty on the cast iron sections of all steam boilers. All commercial boilers include a limited, one-year warranty on the entire boiler. The Series 64 has a limited, ten-year warranty on the cast iron sections of its commercial boilers. Five and ten year extended warranties on parts and labor are also available.

This summary is not a specific warranty. Consult us for complete details on all of our cast iron boiler warranties.

For additional information on our products and services, visit our website at PeerlessBoilers.com. Loaded with valuable information, this user-friendly tool is a quick and easy way to answer many of your heating questions.

Product Ratings



Series 63/64 Boiler Ratings

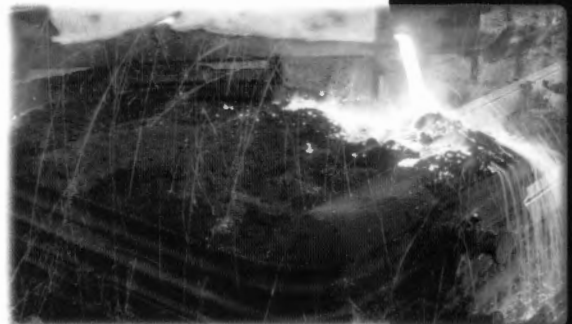
Boiler Model Number	Input (MBH)	DOE Heating Capacity (MBH) ²		Net I=B=R Ratings ¹			Standing Pilot w/Damper Seasonal Efficiency (AFUE) ²		Spark Ignition w/Damper Seasonal Efficiency (AFUE) ²		Water Content (Gallons)	
		Gross Output ³		Steam Sq. Ft.	Water MBH	Steam MBH	Water	Steam	Water	Steam	Water	Steam
		Water	Steam									
63-03L	88.5	73	74	231	64	55	80.9%	80.6%	82.4%	83.0%	13.2	9.3
63-03	118.0	99	98	306	86	73	82.1%	81.2%	83.5%	82.6%	13.2	9.3
63-04L	147.5	123	123	384	107	92	81.4%	80.6%	82.7%	82.6%	15.6	10.8
63-04	177.0	148	147	459	129	110	82.1%	81.0%	83.4%	82.4%	15.6	10.8
63-05L	206.5	172	171	536	150	129	81.9%	80.7%	82.9%	82.3%	18.0	12.4
63-05	236.0	198	196	612	172	147	82.2%	80.9%	83.3%	82.2%	18.0	12.4
63-06	287.5	241	238	744	209	179	82.3%	80.7%	83.2%	82.0%	20.4	13.9
64-07	345.0	286	279	873	249	210					22.8	15.5
64-08	399.0	331	323	1,010	288	242					25.2	17.0
64-09	460.0	382	373	1,165	332	280					27.6	18.6
64-10	517.5	430	419	1,310	374	314					30.0	20.1
64-11	575.0	477	466	1,456	415	349					32.4	21.7
64-12	632.5	525	512	1,601	457	384					34.8	23.2

1 Net I=B=R Ratings are based on DOE Heating Capacity or Gross Output less an allowance for normal piping and pickup as determined by the Testing and Rating Standard for Low Pressure Cast Iron Heating Boilers of the Hydronics Institute. Water ratings are based on a piping and pickup factor of 1.15. Steam ratings are based on a piping and pickup factor of 1.33. Consult us before selecting a boiler for gravity hot water installations or for installations having unusual piping and pickup requirements such as exposed piping, night set-back, etc. Ratings shown are for elevations up to 2,000 feet. For elevations above 2,000 feet, ratings should be reduced at the rate of 4% for each 1,000 feet above sea level.

2 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government tests. Before purchasing this appliance, read important information about its estimated annual energy consumption or energy efficiency rating that is available from your retailer.

3. Combustion efficiency and gross output are determined in accordance with ANSI Z21.13 / CSA 4.9, *Gas-Fired Low-Pressure Steam and Hot Water Boilers*.

A quality casting is the foundation for all our cast iron boilers.



in BRIEF

Standard and Optional Equipment

Series 63/64 Features

- Large Water Volume
- Packaged (3-6) or Knockdown Boilers
- Standing Pilot or Spark Ignition
- Electrically Operated Vent Damper (Standard on Series 63)
- Natural Draft Venting
- Natural Gas & LP Gas
- Steam or Hot Water Boilers
- Skim Tapping for Cleaning Steam Boilers

Series 63/64 Standard Equipment

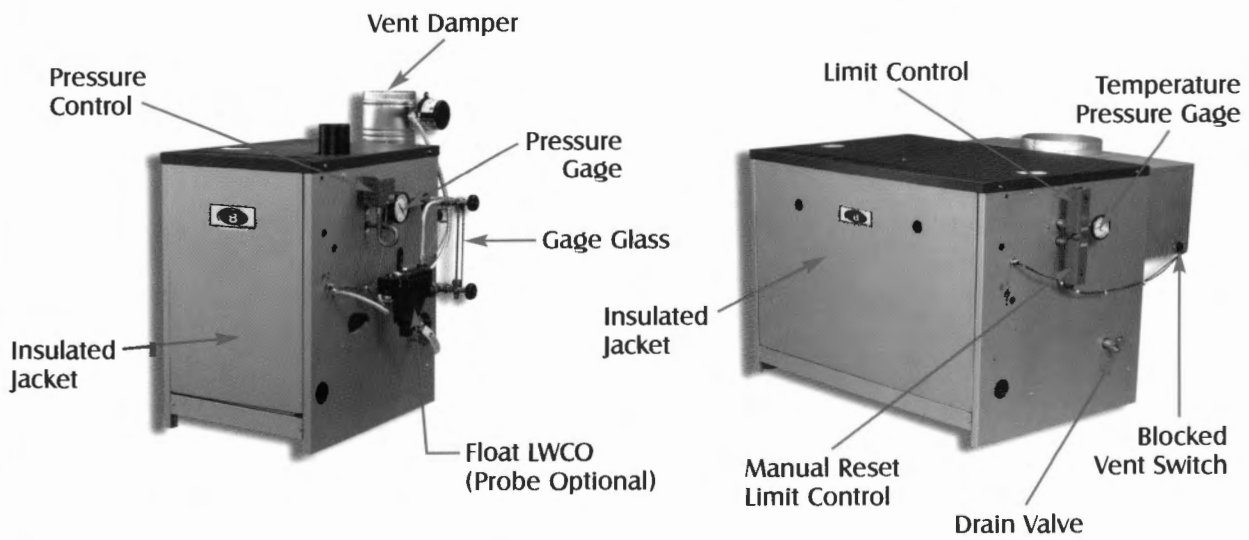
<ul style="list-style-type: none"> • Deluxe Insulated Enameled Steel Jacket • Cast Iron Sections - Factory Tested & Assembled (3-6) or Split-Assembled (7-12) • Pre-assembled Wiring Harnesses • Vent Damper (Series 63 Only) • Blocked Vent Switch • Flame Roll-out Switch • Drain Valve <p>Water</p> <ul style="list-style-type: none"> • 30 PSI Safety Relief Valve • Limit Control • Temperature-Pressure Gage • Manual Reset Limit Control (9-12) 	<p>Water (cont.)</p> <ul style="list-style-type: none"> • Circulator Relay <p>Steam</p> <ul style="list-style-type: none"> • 15 PSI Safety Valve • Pressure Gage • Gage Glass • Float Type Low Water Cut-off • Pressure Control • Tappings for Primary & Secondary Probe Low Water Cutoff • Skim Tapping • Manual Reset Limit Control (9-12)
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Series 63/64 Optional Equipment

- 50 PSI Safety Relief Valve (Water Models Only)
- Circulator (63 Series Water Models Only)
- Probe Type LWCO
- Vent Damper (Series 64)

63 - Steam

64 - Water



Domestic Hot Water

The Peerless® Partner® indirect-fired water heater provides a true advancement in hot water generation. By utilizing the Series 63/64 boiler as its heat source, the boiler fires only when necessary and transfers heat energy from the boiler to the water heater through a highly efficient cupronickel, fin-tube heat exchanger.

The heater functions as a separate heating zone and water movement is regulated from the boiler through the heater coil by a separate circulator or zone valve.

The Peerless Partner water heater has two or more times the recovery rate of gas-fired water heaters and supplies as much as five times the amount of hot water as a comparably sized electric water heater.

Because of its light weight and durable plastic jacket, the Partner water heater is easy to install and virtually maintenance free. The Peerless Partner indirect-fired water heater is the perfect companion to the Series 63/64 boiler, as well as a sensible and efficient addition to your home heating system.

- *Modern Coil Design*
- *Minimal Standby Temperature Loss*
- *Rapid Recovery Rate*
- *Easy Installation*
- *Long Lasting Stainless Steel Construction*
- *No Separate Chimney or Burner Needed*

Peerless® Partner® Indirect-Fired Water Heater Standard Equipment

- *High-Grade 316L Stainless Steel Tank*
- *Enclosed Thermostat Well*
- *Maintenance-Free Plastic Jacket*
- *Adjustable Honeywell Control*
- *2" Polyurethane Foam Insulation*
- *T&P Relief Valve*
- *Cupronickel, Fin-Tube Heat Exchanger*



Quality Heating Products



Hard work and dedication by skilled employees have made us one of today's top cast iron boiler manufacturers. From the beginning, our main priority has been to serve customers' needs and to provide them with the best built cast iron boilers on the market. That commitment, still true today, is evident in all of our products and services.

Commitment to Comfort

We concentrate our efforts in one direction—hydronic heating. Hydronic heating is the most practical, dependable, efficient and versatile method available for heating a home. Hydronic systems heat by convection and radiation without the need for fans or blowers. This method of heat transfer is gentle and cleaner than that of warm air furnaces and heat pumps, keeping your family warm, healthy and happy.



The Series 63 Boiler

The Series 63 boiler is a residential, gas-fired boiler for hot water or steam systems. Shipped as knockdown (factory assembled sections), the boiler comes in seven sizes ranging from three to six sections (steam boilers are also available as packaged units). The Series 63 boiler is available for either natural or LP gas and has AFUE ratings of up to 82%. A single vent draft hood allows for natural draft (chimney) venting. The significant water content of the Series 63 boiler makes it ideal for large volume hot water applications. Standard equipment on the Series 63 boiler includes steel push nipples that provide a permanent, watertight seal between sections. A float type, low water cut-off is standard on steam boilers only. All Series 63 boilers include standard standing pilot ignition (spark ignition is available as an option), Honeywell operating controls, vent damper and a slide-in, pre-assembled burner tray. A deluxe, insulated, enameled steel jacket completely encloses gas valves and burners, and reduces boiler heat loss. The low profile design of the Series 63 boiler works well for limited clearance installations.

The Series 64 Boiler

The Series 64 boiler is a semi-commercial, atmospheric, gas-fired boiler for hot water or steam systems. Ranging from seven to 12 sections in six sizes, the Series 64 boiler has an 81% combustion efficiency and an input of 345 to 632.5 MBH. The Series 64 boiler is offered as either a packaged unit or knockdown with factory assembled split block sections for ease of handling. The boiler is available for either natural or LP gas with spark ignition (seven and eight section boilers are also available with standing pilot ignition). A single vent draft hood allows for natural draft (chimney) venting. The Series 64 boiler features a sizeable water content ideal for steam and large volume, hot water jobs. All boilers have steel push nipples that provide a permanent, watertight seal between sections, and a manual reset high limit control. Steam boilers offer a float type low water cut-off and skim tapping for thorough cleaning. Standard equipment on the Series 64 boiler include Honeywell operating controls and a deluxe, insulated, enameled steel jacket that completely encloses gas valves and burners, to reduce boiler heat loss. The low profile design of the boiler allows it to be used in limited clearance installations.