



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



300 B 48

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 111 Balford Portland Use of Building Residence Date 1-70-00
 Name and address of owner of appliance Peter Mitschelle Woodville Rd Falmouth me
 Installer's name and address Plg & Htg Services 62 Orchard Rd Cumberland, Me 04021 Telephone (207) 829-3965

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Thermo Dynamics

U.L. Approved Yes No

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

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # 08042
- Solid Fuel # 4585
- Oil # _____
- Gas # _____
- Other _____

Type of Chimney:

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

Type of Fuel Tank

- Oil
- Gas

Size of Tank 275 gallon

Number of Tanks 1

Distance from Tank to Center of Flame 10 feet.

Cost of Work: \$ 2500.00

Permit Fee: \$ 48.00

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer [Signature]

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy



THE **S** SERIES

RESIDENTIAL OIL-FIRED BOILER

Economically Supplies Heat For The Entire Home

Features

- ASME CONSTRUCTION...**
Designed, constructed and hydrostatically tested in accordance with The American Society of Mechanical Engineers Boiler Code Section IV.
- IBR TESTED AND RATED...**
In accordance with the standards of The Institute of Boiler and Radiator Manufacturers.
- EXTENDED COIL FLANGE...**
Provides dependable operation while assuring easy servicing.
- TOP FLUE CONNECTION...**
Makes possible the most efficient utilization of fuel, production of central heat and domestic hot water with the most economical transfer of energy.
- COPPER DOMESTIC HOT WATER COIL...** Provides the hot water you need when it is needed. The cost of a separate domestic hot water system is eliminated.
- COMBUSTION CHAMBER...**
Ceramic fiber combustion chamber utilizes space age materials technology and is uniquely designed to effect a tight seal with the heat exchanger. Chamber is easily serviced from front of unit.
- SOLID STATE IGNITION...**
- WARRANTY...** Lifetime **Limited** warranty .



Optional Carlin or Riello Burners



Thermo-Dynamics Boiler Company

4585



CITY OF PORTLAND, MAINE
Department of Building Inspections

_____ 11-31 20 06 _____

Received from _____

Location of Work _____

Cost of Construction \$ _____

Permit Fee \$ 500.00 _____

Building (I1) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other MUHC _____

CBL: _____

Check #: 1116 _____ Total Collected \$ 500.00 _____

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy



Thermo-Dynamics Boiler Company

ROUTE 61 • P.O. BOX 325 • SCHUYLKILL HAVEN, PA 17972 • (570) 385-0731 • FAX (570) 385-5304

www.thermodynamicsboiler.com

THE S SERIES

Standard Equipment

- ASME Code Boiler w/Built-in Air Scoop
- National Board Stamped
- Flush Jacket
- Insulation
- Ceramic Fiber Combustion Chamber
- Altitude, Temperature & Pressure Gauge
- ASME Relief Valve
- Domestic Hot Water Coil - 3 gpm
- 3450 rpm Oil Burner w/Solenoid Valve
- Cad Cell Primary w/Interrupted Ignition
- Solid State Ignition
- Solid State Oil Delay
- Hydronic Triple Aquastat Relay
- 007 Circulator or Equivalent (mounted)
- Brass Boiler Drain Valve
- Factory assembled, Wired and Packaged



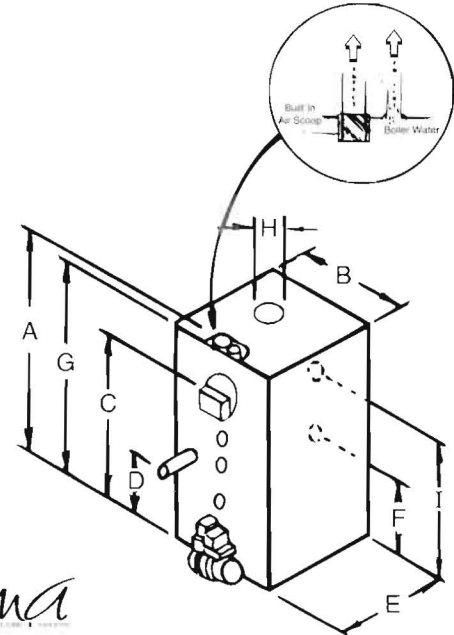
Constructed and hydrostatically tested in accordance with ASME Boiler Code, Section IV.



Tested and capacity rated in accordance with the standards of The Institute of Boiler and Radiator Manufacturers



for Strength



Manufactured in U.S.A.

Specifications

| MODELS | S 85 | S 100 | S 110 | (a)S 125 | (a)S 135 | (a)S 150 |
|--------------------------------|----------|----------|----------|----------|----------|----------|
| IBR Firing Rate G.P.H. (Max.) | .85 | 1.00 | 1.10 | (a)1.25 | (a)1.35 | (a)1.50 |
| Nozzle Size @ 140 PSI | .65 | .75 | .85 | 1.00 | 1.10 | 1.25 |
| IBR Input (BTU/HR) | 119,000 | 140,000 | 154,000 | 175,000 | 189,000 | 210,000 |
| IBR Heating Capacity (BTU/HR)* | 101,000 | 118,000 | 130,000 | 149,000 | 159,000 | 175,000 |
| IBR Net Rating (BTU/HR) | 88,000 | 103,000 | 113,000 | 130,000 | 138,000 | 152,000 |
| Draft Over Fire (Negative) | -.02 | -.02 | -.02 | -.02 | -.02 | -.02 |
| Water Content (Gal.) | 16 | 15 1/2 | 15 | 14 | 14 | 14 |
| Domestic Coil Capacity** GPM | 3 or 5 | 3 or 5 | 3 or 5 | 3 or 5 | 3 or 5 | 3 or 5 |
| A - Jacket Height | 38 1/2" | 38 1/2" | 38 1/2" | 38 1/2" | 38 1/2" | 38 1/2" |
| B - Jacket Width | 21 1/4" | 21 1/4" | 21 1/4" | 21 1/4" | 21 1/4" | 21 1/4" |
| C - Coil Supply Height | 31" | 31" | 31" | 31" | 31" | 31" |
| D - Hydronic Return Height | 22" | 22" | 22" | 22" | 22" | 22" |
| E - Jacket Length | 21 1/4" | 21 1/4" | 21 1/4" | 21 1/4" | 21 1/4" | 21 1/4" |
| F - Alt. Hydronic Return | 22" | 22" | 22" | 22" | 22" | 22" |
| G - Hydronic Supply Height | 36" | 36" | 36" | 36" | 36" | 36" |
| H - Flue Pipe Diameter | 6" | 6" | 6" | 6" | 6" | 6" |
| I - Relief Valve Height | 33 1/2" | 33 1/2" | 33 1/2" | 33 1/2" | 33 1/2" | 33 1/2" |
| Shipping Weight (Approx.) | 320 | 325 | 330 | 370 | 370 | 370 |
| Hydronic Supply Tapping | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" |
| Hydronic Return Tappings | 2-1 1/4" | 2-1 1/4" | 2-1 1/4" | 2-1 1/4" | 2-1 1/4" | 2-1 1/4" |
| AFUE | 84.3 | 84.2 | 84.0 | 84.6 | 84.0 | 83.0 |

*Based on D.O.E. Test Procedures

**Coil capacity based on 5 min. draw 5 min. waiting period.

(a)S-125/135/150 - Blended Firing Rates.

Sold By

DISTRIBUTED BY
SONDIK SUPPLY
 BURLINGTON, VT 800-556-4537
 LEBANON, NH 800-432-8238
 PORTLAND, ME 800-464-1103