

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that The Miles Standard LLC

Located At 84 EASTERN PROMENADE

Job ID: 2012-06-4220-HVAC

CBL: 003-C-010-001

has permission to Install 2 new GWS gas-fired water boilers

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



PORTLAND MAINE

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

Acting Director of Planning and Urban Development
Gregory Mitchell

Job ID: 2012-06-4220-HVAC

Located At: 84 EASTERN
PROMENADE

CBL: 003- C-010-001

Conditions of Approval:

Fire

Installation shall comply with City Code Chapter 10.

Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.

Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;

NFPA 54, *National Fuel Gas Code*;

NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;

NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;

NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

Building

The installation must comply with the State of Maine gas regulations.



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



2012-06-4220 P.I.D 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 Portland 3-C-10- Use of Building Multi Date 6/13/12
 Name and address of owner of appliance Ed Gardner 84 Eastern Prom 1ST FL
The Muler's Standish LLC
 Installer's name and address Waynes P+H 158 St John St Port Ken Charles
 Telephone _____

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Williamson GWS
 U.L. Approved Yes No CSA

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 # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PAT 130
 Other _____

Type of Chimney:
 Masonry Lined
 Factory built NA

Metal
 Factory Built U.L. Listing # _____

Direct Vent
 Type Stainless UL# _____

Type of Fuel Tank
 Oil
 Gas

Size of Tank NA

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 7500.00
5500.00
 Permit Fee: \$ 1300.00

Dept. of Building Inspections
 City of Portland Maine
 JUN 12 2012
 RECEIVED

Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

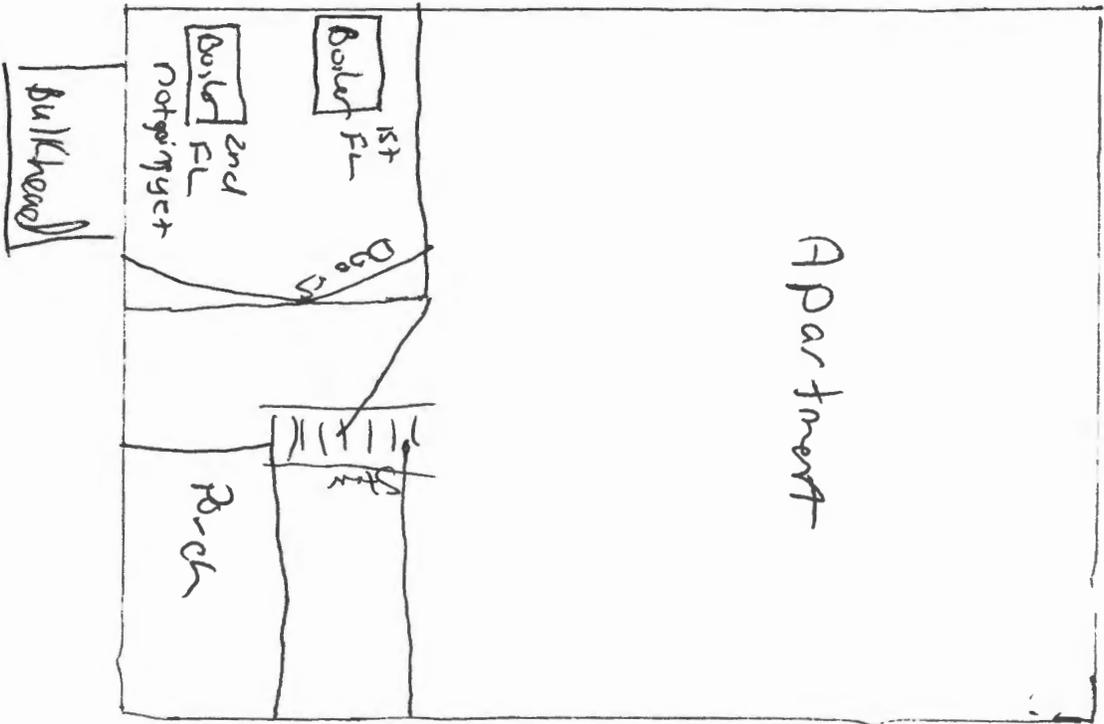
Signature of Installer [Signature]

Inspector's Signature _____

Date Approved _____

East Prom

Mariners St





GWVS

- Versatile
 - Sealed combustion option allows use of outside combustion air
- Factory tested
- Compact design
- Easy service
 - One-piece access door
 - Plug-in wiring
 - Control module with diagnostic lights
- High efficiency
 - AFUE's to 85.3%
 - Spark-ignited pilot with electronic control
- Cast iron sections with built-in air separator
- Insulated heavy-gauge steel jacket
- Limited lifetime warranty

Gas-fired Water Boilers

- Sealed combustion system
- Factory-packaged
- 63,000 to 158,000 Btuh Input
Natural or propane gas



RATINGS



DOE

Boiler model number	0–2,000 feet altitude		2,000–4,500 feet altitude (Canada) ①		Net I=B=R ratings	Boiler water content	DOE seasonal efficiency	Vent size	Circulator flange size (Recommended supply & return pipe size, NPT)
	Input	Output (DOE Heating Capacity)	Input	Output					
	Btuh	Btuh ②	Btuh	Btuh					
GWS-063 ③	63,000	54,000	56,700	48,600	47,000	1.5	85.3	3"	1"
GWS-095	95,000	81,000	85,500	72,900	70,000	2.1	84.6	3"	1"
GWS-127	127,000	107,000	114,300	96,300	93,000	2.7	84.0	3"	1"
GWS-158	158,000	133,000	142,200	119,700	115,000	3.3	83.4	3"	1½"

- ① Contact your dealer regarding information and parts for high altitude applications.
 ② Based on standard test procedures prescribed by the United States Department of Energy.
 ③ As an Energy Star Partner, Williamson has determined that the GWS-063 meets the Energy Star guidelines for energy efficiency.

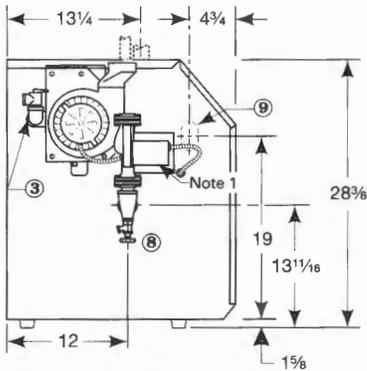
④ Net I=B=R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pickup. Ratings are based on a piping and pickup allowance of 1.15. Additional allowance should be made for unusual piping and pickup loads.

DIMENSIONS

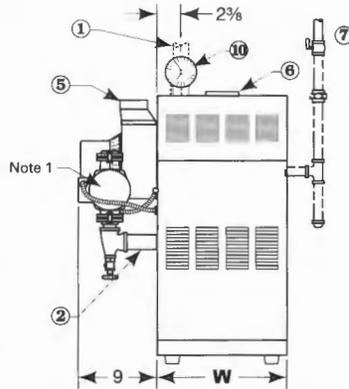
ALL DIMENSIONS IN INCHES

GWS boilers are CSA design certified for installation on combustible flooring. (Do not install on carpeting.)

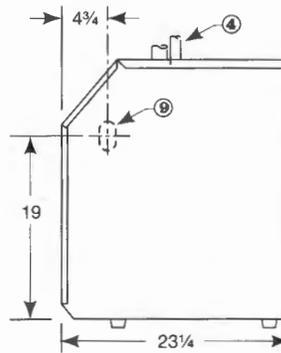
VENTING: Use only AL29-4C venting per instructions in Boiler Manual.



LEFT SIDE



FRONT



RIGHT SIDE

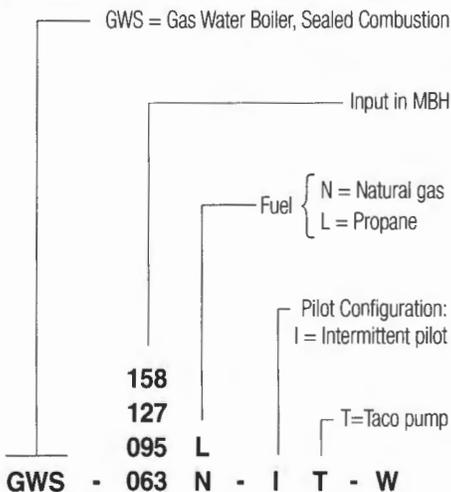
Boiler model	W
	Width
GWS-063	13
GWS-095	16
GWS-127	19
GWS-158	22

- ① Supply piping (Note 1)
 ② Return piping (Note 1)
 ③ Relief valve, 3/4" NPT
 ④ 1/2" NPT to expansion tank/air vent
 ⑤ Vent connection, 3" diameter

- ⑥ 3/3 1/2" diameter air pipe connection
 ⑦ Gas supply piping
 ⑧ Drain valve
 ⑨ Gas supply entrance (right or left side)
 ⑩ Pressure/temperature gauge (in tee on supply)

Note 1: Boiler supply and return tapings are 1 1/2" NPT. Circulator flanges shipped with boiler are sized to recommended pipe size listed in RATINGS table, above.
 Boiler circulator is shipped loose. Circulator may be mounted on either boiler supply or return piping.

ORDER CODE



EQUIPMENT

- Factory tested
- Insulated extended steel jacket
- Cast iron sections with built-in air separator
- Induced-draft blower assembly
- Air pressure switch
- Stainless steel burners
- Electrical junction box
- 24-VAC combination gas valve

- 40VA control transformer
- Plug-in wiring
- Taco 007 circulator
- High temperature limit control
- 30 PSIG ASME relief valve
- Combination pressure/temperature gauge
- Spark-ignited (intermittent) pilot system
- Electronic ignition/flame supervisory control

WARRANTY

- Limited lifetime warranty on heat exchanger
- 1-year limited warranty on parts
- Optional 5- or 10-year parts and labor warranty



Williamson

8201 W. Calumet Road • Milwaukee, WI 53223
 www.williamson-thermofo.com Form W-003(04/02)