

Williamson

GWC

Series 2

Factory-Packaged

4 Sizes

70,000 to 175,000 Btuh Input

Natural or Propane Gas



Gas-Fired Condensing Cast Iron Boiler

- ▣ AFUE's above 91%
- ▣ Sealed combustion or Direct exhaust venting
- ▣ PVC or stainless steel venting
- ▣ Multiple pass heat exchanger
- ▣ Cast iron primary heat exchanger
- ▣ Stainless steel condensing Secondary heat exchanger
- ▣ Control module with indicator lights
- ▣ Inferred heat program providing automatic adjustment of boiler water temperature to match demand
- ▣ Hot surface ignition system
- ▣ Insulated heavy-gauge steel jacket



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RATINGS

Model	Input MBH	AHRI Certified Ratings			Vent Diameter Inches (3)	Boiler Water Content Gal.
		Heating Capacity MBH (1)	Net Water Rating MBH (2)	AFUE % (1)		
GWC-070	70	65	57	91.9	3	3.8
GWC-105	105	97	84	91.2	3	4.7
GWC-140	140	130	113	91.4	3	6.0
GWC-175	175	161	140	91.0	3	6.9

Notes:

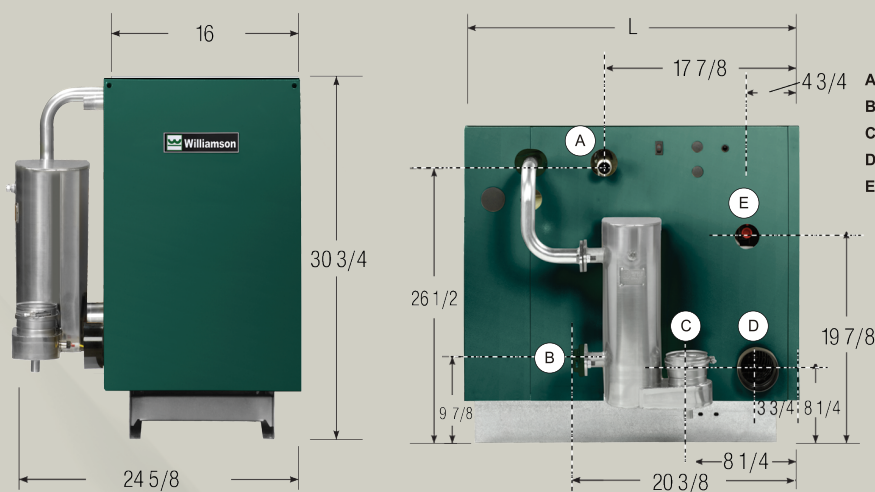
(1) Based on standard test procedures prescribed by the United States Department of Energy.

(2) Net AHRI ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing needs to be added for normal piping and pick-up. Ratings are based on a piping and pick-up allowance of 115. An additional allowance should be made for unusual piping and pick-up loads.

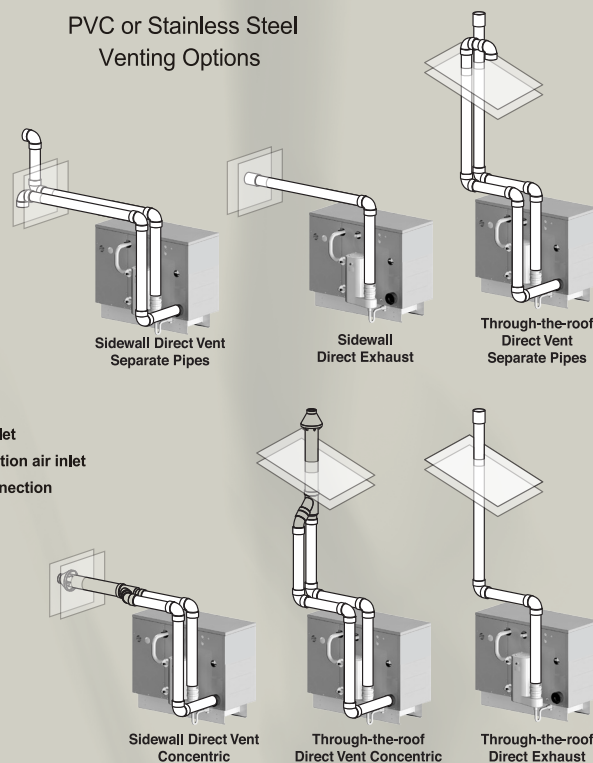
(3) GWC boilers must be vented directly to the outside.

DIMENSIONS

Model	Length Inches L	Supply Tapping In.	Return Tapping In.	Gas Connection Size Inches	Minimum Recommended Pipe Size In.	Approx. Shipping Weight (Lbs)
GWC-070	30 3/4	1	1	1/2	1	313
GWC-105	30 3/4	1	1	1/2	1	353
GWC-140	37 3/4	1	1	1/2	1 1/4	423
GWC-175	37 3/4	1	1	1/2	1 1/4	464



PVC or Stainless Steel Venting Options



Vent pipe and termination kits not supplied

EQUIPMENT

- Factory tested
- Cast iron sections with built-in air separator
- Stainless steel secondary heat exchanger with air separator
- Blower assembly with observation port.
- Electrical junction box
- 30 PSI ASME relief valve
- Hot surface ignition system
- System circulator*
- Built-in-bypass circulator system with sensor for temperature control*

- Negative regulation gas valve
- Gas/air orifice plate for natural gas (separate plate provided with unit for conversion to propane)
- Water treatment - inhibitor & test kit

OPTIONAL:

- Concentric vent kit
- High altitude kit
- Condensation neutralizer kit

*Circulator supplied with boiler cannot be removed and cannot be used as a zone circulator in multiple zone systems.

WARRANTY

Residential Use:

- 20 year cast iron heat exchanger warranty
- 5 year stainless steel heat exchanger warranty
- 2 year parts warranty

Commercial Use:

- 10 year cast iron heat exchanger warranty
- 5 year stainless steel heat exchanger warranty
- 1 year parts warranty

Optional 5- or 10-year parts and labor warranty



Williamson

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In the interest of continual improvement in product and performance, Williamson reserves the right to change specifications without notice.