

Williamson

GWC

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
- Hot surface ignition system
- Insulated heavy-gauge steel jacket



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Since 1890

RATINGS

Model	Input MBH	DOE Heating Capacity MBH (1)	Net I=B=R Water Ratings MBH (2)	DOE Seasonal Efficiency AFUE %	Vent Diameter Inches (3)	Boiler Water Content Gal.
GWC-070	70	65	56	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:

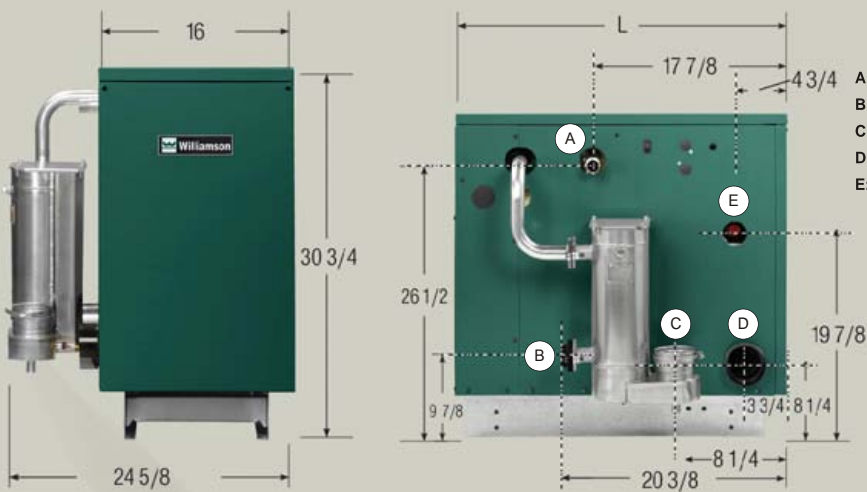
(1) Based on standard test procedures prescribed by the United States Department of Energy.

(2) Net I=B=R 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.

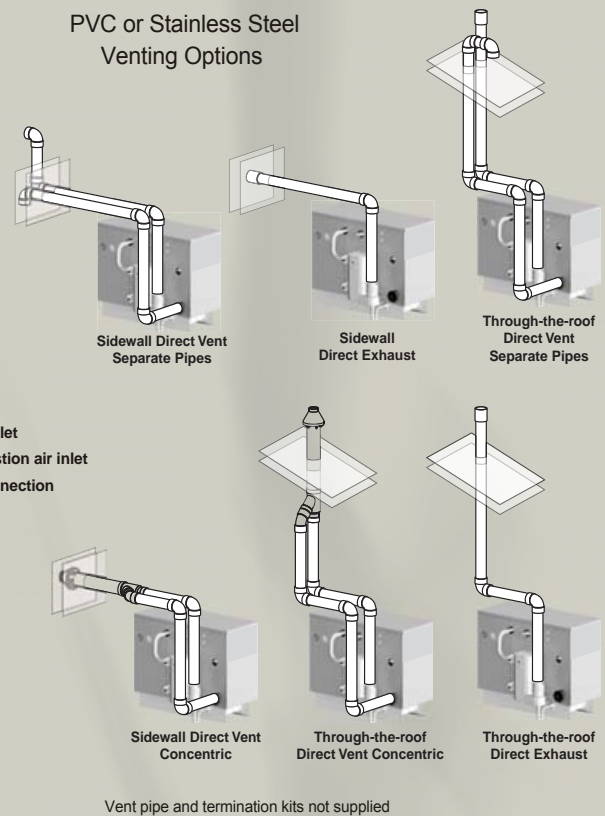
DIMENSIONS

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



- A: Supply
- B: Return
- C: Flue outlet
- D: Combustion air inlet
- E: Gas connection

PVC or Stainless Steel Venting Options



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



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8201 West Calumet Road • Milwaukee, WI 53223

www.williamson-thermoflo.com

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