

CGi
**Induced Draft Gas
Boiler**

RATINGS
DIMENSIONS



Hot Water

6 sizes:
**37,000 to 144,000
BTU/Hr.**

REPAIR PARTS

Product Features:

Induced Draft Combustion System

Power venting increases flue gas velocity through the boiler for greater heat transfer, higher efficiency. No mechanical vent damper required.

No Chimney Required

CGi Boiler may be vented directly through an outside wall or through the roof. It also may be vented through some chimneys.

Over 82% Operating Efficiency - Saves fuel.

Compact Design

Saves valuable living space. Boiler is only 28 inches high, 23 inches deep. Power venting eliminates the need for a draft hood.

Wiring Harness

Designed, labeled and color-coded to help assure correct wiring

Easy Power Hook Up

J-box located on outside of boiler with prestripped wires.

Convenient Servicing

Accessible controls...simplified wiring...vertical flueways...top cleaning.

New Parts Approach

Repair parts furnished in convenient kits with everything needed.

Factory-Tested

Every boiler is tested to assure reliable operation.

Steel Jacket

Durable powder-coat finish in Weil-McLain blue...insulated to retain heat and clear of the floor to prevent rust.

Aluminized Steel Burners

Feature quiet ignition and extinction. Burners provide fixed primary air...no adjustment required.

5-Year Homeowner Protection Plan:

Optional plan covers boiler parts, supplied by Weil-McLain, and labor for all eligible repairs. Available through participating installers.

RATINGS

CGi Gas Boiler

Water Boiler Number ¹	A.G.A. Input BTU/Hr.	DOE Heating Capacity BTU/Hr. ²	Net I-B-R Ratings-Water BTU/Hr. ³	DOE Seasonal Efficiency Percent (AFUE)	Minimum Vent Connector Diameter. ⁴
CGi-25	50,000	42,000	37,000	83.0	4"
CGi-3	67,000	56,000	49,000	83.3	4"
CGi-4	100,000	84,000	73,000	83.0	5"
CGi-5	133,000	111,000	97,000	82.7	5"
CGi-6	167,000	139,000	121,000	82.4	5"
CGi-7	200,000	166,000	144,000	82.1	5"

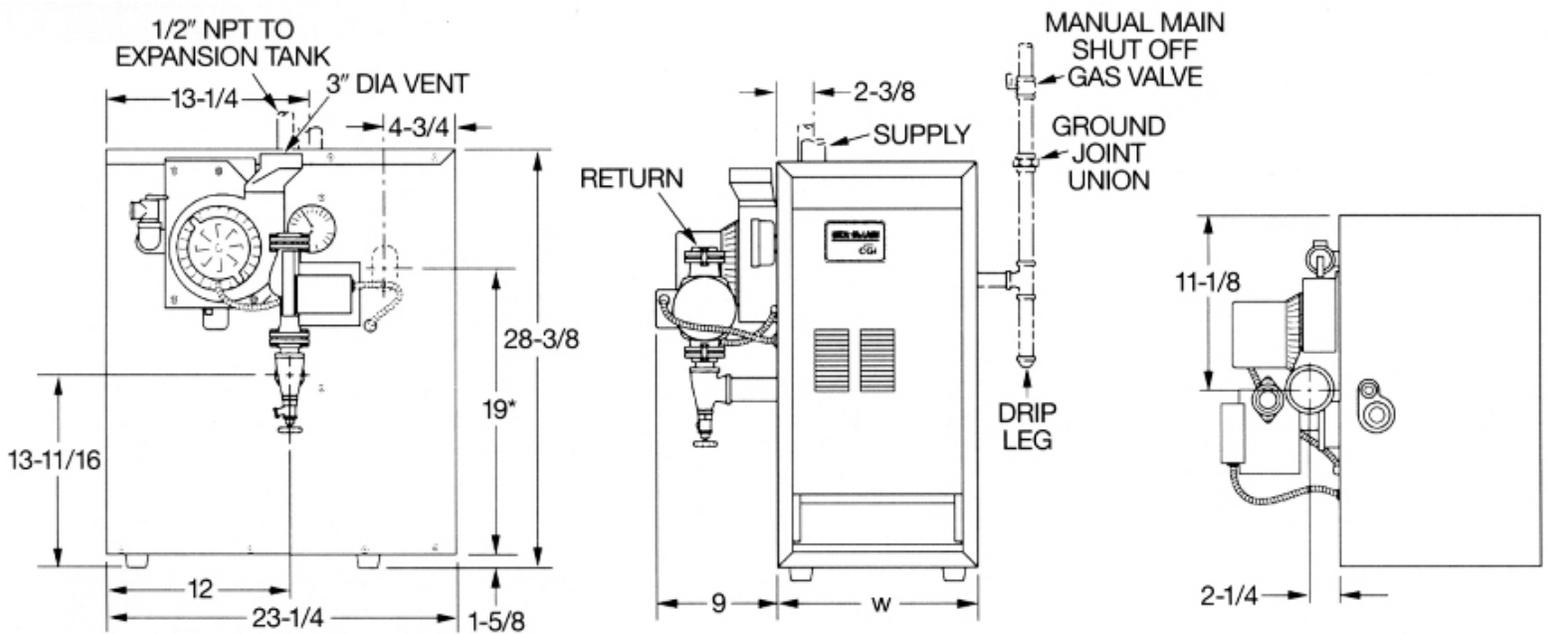
1. Add "PIN" for natural gas; "PIL" for propane gas.
2. Based on standard test procedures prescribed by the United States Department of Energy.
3. Net I-B-R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pick-up. Ratings are based on a piping and pick-up allowance of 1.15. An additional allowance should be made for unusual piping and pick-up loads.
4. Refer to National Fuel Gas Code, ANSI 223.1-latest edition, for chimney sizing and vent connector lengths.

NOTE: CGi boilers for residential radiant panel systems, converted gravity heating systems, or other low water temperature applications should be installed with balancing valves and by-pass piping equal to the supply and return size to avoid excessive flue gas condensation due to lower operating water temperatures.

NOTE: CGi boilers not available for millivolt systems. A.G.A. design certified for installation on combustible flooring. Tested for 50 PSI working pressure.

DIMENSIONS

CGi Gas Boiler



Knock out for gas piping also on right side jacket panel with same dimensions.

LEFT SIDE

FRONT

TOP

Water Boiler Number	Number & Size of		Dimensions-Inches W	Gas Connection Size ² Natural and Propane	Crate Dimensions (outside dimensions - in.)			Approx. Shipping Wt. - Lbs.
	Supply (NPT) ¹	Return (in circulator)			Length	Width	Height	
CGi-25	1 - 1 1/4"	1 - 3/4"	10	1/2"	27	27 1/2	31 1/2	190
CGi-3	1 - 1 1/4"	1 - 1"	10	1/2"	27	27 1/2	31 1/2	190
CGi-4	1 - 1 1/4"	1 - 1"	13	1/2"	27	27 1/2	31 1/2	230
CGi-5	1 - 1 1/4"	1 - 1"	16	1/2"	30	27 1/2	31 1/2	270
CGi-6	1 - 1 1/4"	1 - 1 1/4"	19	1/2"	33	27 1/2	31 1/2	315
CGi-7	1 - 1 1/4"	1 - 1 1/4"	22	3/4"	36	27 1/2	31 1/2	360

1. 1 1/4" supply tapping in left end section. Bush to 3/4" for CGi-25.

2. Sizes shown are gas connection sizes. Gas piping from meter to boiler to be sized according to local utility requirements.