

**CGa - Gold Series Gas Boiler
Weil-McLain**

Water,
Natural Draft
NAT'L or LP
MBH: 52-245
Avg. Efficiency: 83%



- **HIGH EFFICIENCY**
- **EASY TO INSTALL AND SERVICE**
- **MADE WITH WEIL-McLAIN QUALITY**

APPLICATIONS INCLUDE:

Residential
Light Commercial
Multiple Boilers
Indirect-fired Water Heating
Radiant Heating
... And Much More



WEIL-McLAIN

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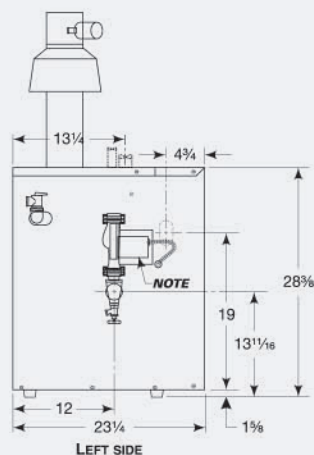
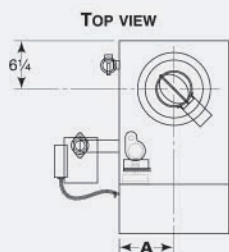


Model (1)	Input MBH (2)	DOE Heating Capacity MBH (2)	Net I=B=R Water Ratings MBH (3)	DOE Seasonal Efficiency Percent (AFUE)			Approx. Shipping Weight (Lbs)	Boiler Water Content (Gal.)	Chimney Size
				SPDN	SPDL	PIDN			
CGa-25	52	44	38	81.5	83.3	84.0	200	1.5	4" I.D. x 20'
CGa-3	70	59	51	81.6	83.7	84.0	200	1.5	4" I.D. x 20'
CGa-4	105	88	77	81.7	83.7	84.0	240	2.1	5" I.D. x 20'
CGa-5	140	117	102	81.8	83.7	83.5	280	2.7	6" I.D. x 20'
CGa-6	175	146	127	81.9	83.6	83.2	325	3.3	6" I.D. x 20'
CGa-7	210	175	152	82.0	83.6	83.0	370	3.8	7" I.D. x 20'
CGa-8	245	204	177	82.1	83.6	82.7	425	4.4	7" I.D. x 20'

Notes:

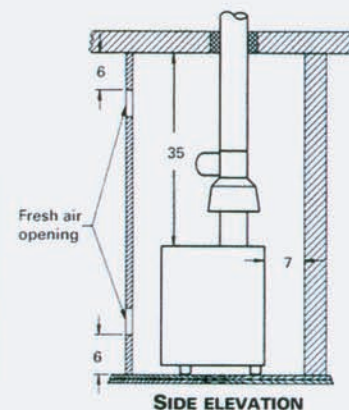
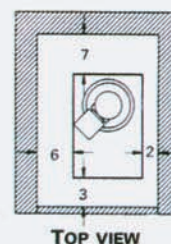
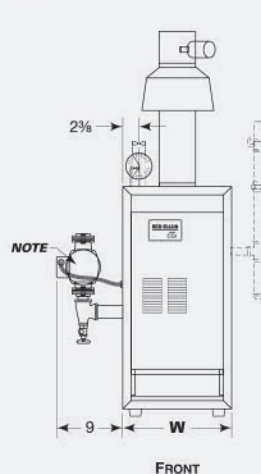
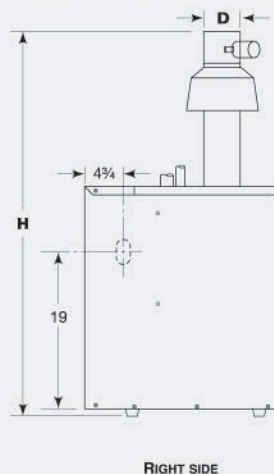
- (1) Add "SPD" for boiler with standing pilot; "PID" for boiler with electronic ignition system. For SPD models, add "N" for natural gas, "L" for propane (propane not available for PID).
 - (2) Based on standard test procedures prescribed by the United States Department of Energy.
 - (3) Net I=B=R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing needs to 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.
- CGa boilers are C.S.A. design certified for installation on combustible flooring. Tested for 50 psi working pressure.

Dimensions



Model	Dimensions Inches				Supply Piping In. (1)	Return Piping In. (1)	Nat or LP Gas Connection Size Inches	Crate Dimensions (Outside Measurements - In.)		
	A	D	W	H				Length	Width	Height
CGa-25	5	4	10	45 3/8	3/4	3/4	1/2	27	27 1/2	31 1/2
CGa-3	5	4	10	52 3/8	1	1	1/2	27	27 1/2	31 1/2
CGa-4	6 1/2	5	13	54 3/8	1	1	1/2	27	27 1/2	31 1/2
CGa-5	8	6	16	57 7/8	1	1	1/2	30	27 1/2	31 1/2
CGa-6	9 1/2	6	19	60 7/8	1 1/4	1 1/4	1/2	33	27 1/2	31 1/2
CGa-7	11	7	22	62 1/8	1 1/4	1 1/4	3/4	36	27 1/2	31 1/2
CGa-8	12 1/2	7	25	64 7/8	1 1/2	1 1/2	3/4	42	27 1/2	31 1/2

- Notes:** (1) Circulator flange supplied with boiler is same size as recommended pipe size. For supply and return boiler tapping size, see installation manual.



Note: Boiler circulator is shipped loose. Circulator may be mounted on either boiler supply or return piping. See dimension chart for pipe size of circulator flange provided.

Standard and Additional Equipment

Standard Equipment:

Factory Tested
Two-Piece Top Jacket Panel
Insulated Extended Steel Jacket
Cast Iron Sections with Built-in Air Separator
Radiation Plates
Vertical Draft Hood
Automatic Vent Damper
Combination Gas Valve for 24 Volt
Wiring Harness
Non-Linting Pilot Burner
Stainless Steel Burners
Electrical Junction Box
Rollout Thermal Fuse Element
High-Limit Temperature Control
Circulator (when ordered)
Spill Switch

30 PSI ASME Relief Valve (boiler sections tested for 50 PSI working pressure)
Combination Pressure-Temperature Gauge
Drain Valve
HIGH EFFICIENCY MODEL - SPD
Constant Burning, Thermally-Supervised Pilot System
Thermocouple
Combination Relay Receptacle and 40VA Transformer
Plug-in Circulator Relay
HIGHEST EFFICIENCY MODEL - PID
Integrated Boiler Control Module with Intermittent Electronic Ignition System & Indicator/Diagnostic Lights
40 VA Transformer
Plug-in Connector and Wiring

Additional Equipment:

Taco 007 Circulator
Expansion Tank Package (expansion tank, fill & check valve, auto air vent and fittings): #109-sizes 25 thru 5; #110-sizes 6 thru 8. Shipped in separate carton.
W-M 5 & 10 Year Homeowner Protection Plan
W-M Indirect-fired Water Heaters
W-M Maxiflo® Pool Heaters
W-M Baseboard Units

