WEIL-McLAIN®
Weil-McLain.com

CGa
CAST IRON GAS BOILER
Water | Natural or Propane Gas | 38–233 MBH | 7 sizes
Series 3 | Atmospheric/Natural Draft | 84% AFUE



HIGH-EFFICIENCY CAST IRON BOILER

CGa™

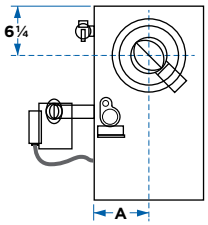
U.S. DEPARTMENT OF ENERGY
2021 COMPLIANT



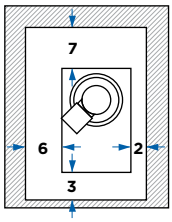
- Now with built-in low water cut off
- Ideal for residential and commercial installations
- Durable cast iron design for long service life
- Built by North America's leading boiler manufacturer

CAST TO LAST
HEAT EXCHANGER MADE IN THE USA

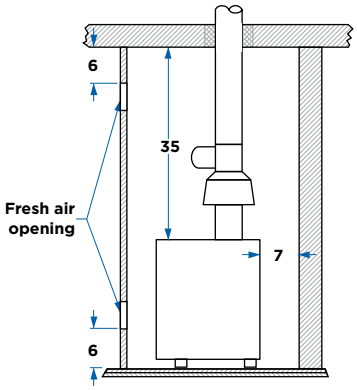
DIMENSIONS



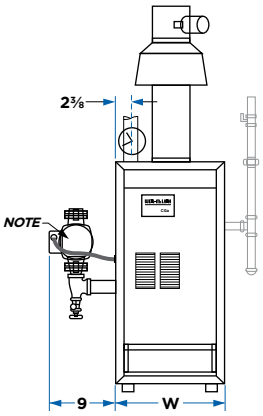
TOP VIEW



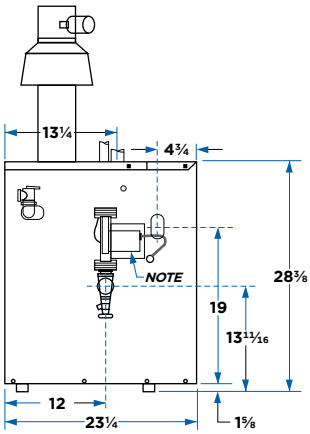
TOP VIEW



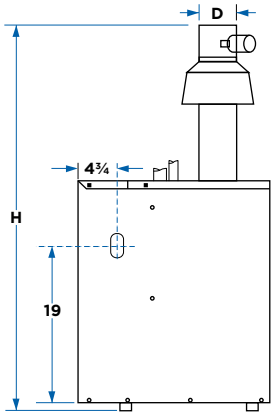
SIDE ELEVATION



FRONT



LEFT SIDE



RIGHT SIDE

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.

Model	Dimensions (in.)				Supply Piping (in.)[1]	Return Piping (in.)[1]	Nat or LP Gas Connection Size (in.)	Carton Dimensions – Outside Measurements (in.)		
	A	D	W	H				L	W	H
CGa-25	5	4	10	45⅜	¾	¾	½	30	27½	35
CGa-3	5	4	10	52⅜	1	1	½	30	27½	35
CGa-4	6½	5	13	54⅜	1	1	½	30	27½	35
CGa-5	8	6	16	57⅞	1	1	½	36	27½	35
CGa-6	9½	6	19	60⅞	1¼	1¼	½	42	27½	35
CGa-7	11	7	22	62⅛	1¼	1¼	¾	42	27½	35
CGa-8	12½	7	25	64⅞	1½	1½	¾	42	27½	35

[1]Circulator flange supplied with boiler is the same size as recommended pipe size. For supply and return boiler tapping size, see installation manual.

RATINGS

Model[2]	Input MBH[3]	DOE Heating Capacity MBH[3]	Net AHRI Water Ratings MBH[4]	AFUE	Approx. Shipping Weight (Lbs.)	Boiler Water Content (Gal.)	Chimney Size
CGa-25	38	32	27	84.0%	200	1.5	4"I.D.x20'
CGa-3	67	56	48	84.0%	200	1.5	4"I.D.x20'
CGa-4	100	85	73	84.0%	240	2.1	5"I.D.x20'
CGa-5	133	113	98	84.0%	280	2.7	6"I.D.x20'
CGa-6	166	141	122	84.0%	325	3.3	6"I.D.x20'
CGa-7	200	170	147	84.0%	370	3.8	7"I.D.x20'
CGa-8	233	198	172	84.0%	425	4.4	7"I.D.x20'

CGa boilers are C.S.A. design certified for installation on combustible flooring. Tested for 50 PSI working pressure.

AHRI CERTIFIED · ASME H · DESIGN CERTIFIED · DOE · ENGINEERED, DESIGNED & ASSEMBLED in the USA

STANDARD EQUIPMENT:

BOILER

- Integrated Boiler Control Module with intermittent electronic ignition system & indicator/diagnostic lights
- Integrated low-water cutoff, with test button
- 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)*
  - Sizes 25–5: Taco 007e
  - Sizes 6–8: Taco 007
- Spill switch
- 30 PSI ASME relief valve *(boiler sections tested for 50 PSI working pressure)*
- Combination pressure-temperature gauge
- Drain valve
- 40 VA transformer
- Plug-in connector and wiring

ADDITIONAL EQUIPMENT:

- Expansion tank package — shipped in separate carton *(expansion tank, fill & check valve, auto air vent and fittings)*
- Outdoor Reset Kit (part #381-356-586) Low cost, simple plug-in sensor—check local utility program for possible rebate.
- Zone Interface Harness Kit (part #381-356-585) Used to communicate between and existing relay panel wired into the systtem and boiler, to separate DHW from space heating demands.

LIMITED TRANSFERABLE WARRANTY:

- Residential: 20 Years Heat Exchanger; 2 Years Parts
- Commercial: 10 Years Heat Exchanger; 1 Year Parts

[2]Add "PIN" for natural gas, "PIL" for propane.

[3]Based on standard test procedures prescribed by the United States Department of Energy.

[4]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 1.15. An additional allowance should be made for unusual piping and pick-up loads.

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