WEIL-McLAIN®
www.weil-mclain.com

GOLD SERI
Water without Tankless Heater | Chimr
Series

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 02/09/15

- Dur
heat exchanger
design
- Easy to install and service
- Made with Weil-McLain quality

HIGH EFFICIENCY CAST IRON BOILER

WGO™

GOLD SERIES OIL BOILERS

APPLICATIONS INCLUDE:

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

MADE IN THE USA

*ENERGY STAR® requires a minimum of 87% AFUE, which is only achieved by these models by reducing the burner rate and installing the optional vent damper kit. See Ratings chart on next page.

ENERGY STAR*

DIMENSIONS

Tapping Location	Size (inches)	Control Tappings
B_2	1 1/2	Alternate return - "A" units only
E_3	1/2	Pressure/temperature gauge
H	3/4	Drain Valve
L	3/4	High limit/circulator control
N	1/2	Piping to expansion tank or automatic air vent
R_1	3/4	Relief valve

Model	Supply "C" (inches)		Return (inches)	Dimension (inches)	
	P-WGO	A-WGO		B	L
WGO-2	1 1/4 (circulator flange)	1 1/2	1 1/2	10 1/2	13 3/4
WGO-3	1 1/4 (circulator flange)	1 1/2	1 1/2	13 1/2	16 7/8
WGO-4	1 1/4 (circulator flange)	1 1/2	1 1/2	13 5/8	16 7/8
WGO-5	1 1/4 (circulator flange)	1 1/2	1 1/2	16 7/8	20
WGO-6	1 1/4 (circulator flange)	1 1/2	1 1/2	20	23 1/8
WGO-7	not applicable	1 1/2	1 1/2	23 1/8	26 1/4
WGO-8	not applicable	1 1/2	1 1/2	26 1/4	29 3/8
WGO-9	not applicable	1 1/2	1 1/2	29 3/8	32 1/2

RATINGS

ENERGY STAR*	Model**	Burner Input Rating		AHRI Certified Ratings			Draft Loss Through Boiler (in w/c)	Minimum Chimney Size			Approx. Shipping Weight (Lbs)
		GPH (1)	MBH (3)	Heating Capacity (MBH) (2) (3)	Net Ratings (MBH) (3) (4)	AFUE (4)		Rectangular (in.)	Round (in.)	Height (ft.)	
*	WGO-2RD	0.70	98	86	75	87.0	.010	8X8	6	15	540
	WGO-2	0.70	98	86	75	86.4	.010	8X8	6	15	540
*	WGO-3RD	0.80	112	98	85	87.0	.010	8X8	6	15	595
	WGO-3	0.95	133	115	100	85.3	.020	8X8	6	15	595
*	WGO-4RD	1.00	140	123	107	87.0	.010	8X8	6	15	645
	WGO-4	1.20	168	145	126	85.0	.010	8X8	6	15	645
*	WGO-5RD	1.20	168	148	129	87.0	.015	8X8	7	15	760
	WGO-5	1.45	203	175	152	85.0	.015	8X8	7	15	760
*	WGO-6RD	1.40	196	173	150	87.0	.015	8X8	7	15	860
	WGO-6	1.75	245	212	184	85.0	.015	8X8	7	15	860
*	WGO-7RD	1.60	224	197	171	87.0	.015	8X8	8	15	930
	WGO-7	2.00	280	242	210	85.0	.015	8X8	8	15	930
	WGO-8	2.30	322	266	231	-	.025	8X12	8	20	1030
	WGO-9	2.55	357	295	257	-	.030	8X12	8	20	1135

*ENERGY STAR® compliant with Version 3.0 Boiler Specification of 87% AFUE only when installed at the reduced burner rate (R) and with the optional vent damper kit (D). Burners shipped with standard rate nozzle, reduced rates achieved through nozzle change-refer to burner instructions or boiler's rating label for correct selection.

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

WM1410_BRO_018_WGO

STANDAR

- Factory Cast Iron (jacket a not asse section b
- Insulated
- Aluminiz Hood wi Outlet (convertible to rear outlet)
- Swing-Away Burner Mounting Door
- Refractory Blanket and Target Wall in Combustion Area
- Circulator (Taco 007)-When Ordered
- High Limit Control with Circulator Relay and LWCO Function
- Electrical Junction Box with Wiring Harnesses
- Junction Box Cover Plate with Service Switch
- Two Vent Pipe Brackets
- Pressure / Temperature Gauge
- 30 PSIG ASME Relief Valve (boiler sections tested for 50 PSIG working pressure)
- Drain Valve
- Barometric Damper
- Built-in Air Separator

RESURGAM CITY OF PORTLAND, MAINE

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OPTIONAL EQUIPMENT:

- High-Efficiency Flame-Retention Oil Burner (Beckett AFG, Carlin EZ or Riello). Specify 2-Stage Fuel Unit (optional) if Required.
- Vent Damper Kit
- W-M 5 & 10 Year Homeowner Protection Plan
- W-M Indirect-Fired Water Heaters

NOTES:

** Add "P" for packaged boiler (WGO-2 through WGO-6 only). Add "A" for boiler only (WGO-2 through WGO-9).

(1) No. 2 fuel oil-Commercial Standard Specification CS75-56. Heating value of oil-140,000 BTU/Gal.

(2) Based on standard test procedures prescribed by the United States Department of Energy at combustion condition of 13 1/2% CO2 and -0.02" W.C. draft.

(3) MBH refers to thousands of BTU per hour.

(4) Net AHRI ratings are based on net installed radiation adequate for the requirements of the building, including a piping and pickup allowance of 1.15-sufficient for normal conditions. Provide additional allowance only for unusual piping and pick up loads.