Inspections Division
Date: 02/04/16

Ratings

DOE

Boiler model number	I=B=R burner capacity (MBH)	DOE heating capacity (MBH)		Net I=B=R ratings (Note 3 & 5)			DOE seasonal efficiency % AFUE		Tankless heater intermittent draw	Draft loss through boiler	Minimum I=B=R chimney size		
		Steam	Water	Steam		Water	Steam	Water			Rectangular (inches)	Round (inches)	Height (feet)
	Note 1			SQ FT	MBH	MBH			SQ FT (Note 6)	Note 7			
*SGO-3**	0.92	113	115	354	95	120	84.1	85.5	3.25	0.02	8 x 12	8	20
*SGO-4**	1.20	144	146	450	109	126	84.0	85.0	3.75	0.02			
*SGO-5**	1.45	171	175	546	124	152	83.9	85.0	4.00	0.02			
*SGO-6**	1.75	210	212	658	150	184	83.7	85.0	4.25	0.03			
*SGO-7**	2.00	240	242	759	180	210	83.6	85.0	5.00	0.03			
*SGO-8**	2.30	266	268	855	200	233	–	–	5.25	0.03			
*SGO-9**	2.55	295	296	921	221	259			5.50	0.03			

Dimensions

Boiler model number	Supply "C" (inches) Steam	Supply "C" (inches) Water	Return (inches) Steam	Return (inches) Water	Dimensions (inches) A	B	L	Approximate shipping weight (lbs) (Note 1)	Tankless heater # 35-5-29 Tappings
SGO-3						13 1/2	16 3/4	531	
SGO-4	1 1/2	1 1/2	1	1 1/4	–	16 3/4	20	705	
SGO-5						19 1/2	22 1/4	821	
SGO-6					19	23	28 1/4	931	
SGO-7	1 1/2	1 1/2	1	1 1/4	22 1/2	26 1/4	29 1/2	941	
SGO-8					25 1/4	29 1/4	32 1/2	1,090	
SGO-9					28 1/4	32 1/4	35 1/4	1,195	

Crate Dimensions: Height – 39 Width – 23 Length (SGO-3, -4 – 37; (SGO-5, -6 – 43

Note 1: Weights based on P-SGO units 3" - 6" and A-SGO units 3" - 9" with all components including burner

Tapping	Size	Steam	Water
P_1	[illegible]	[illegible]	[illegible]
P_2	[illegible]	Supply	[illegible]
P_3	[illegible]	[illegible]	[illegible]
P_4	[illegible]	Plugged	Plugged
P_5	[illegible]	[illegible]	[illegible]
P_6	½	Pressure gauge & limit control (Note: order LWCO is used)	Pressure/temperature gauge
P_7, P_8, P_9	½	Low water cutoff (float type)	
P	½	Drain valve	Drain valve
I	½	Pressure gauge & limit control (Note: order LWCO is used)	High limit control
P	½	Low water cutoff (probe type)	Plugged
P_1	½	[illegible]	[illegible]
P_2, P_3, P_4	½	Gauge glass	Plugged
P_5	[illegible]	[illegible]	Plugged
P_6	½	Tankless heater operating control (SGO-3 thru 9)	Plugged
P_7	½	Tankless heater operating control (SGO-3 thru 9)	Tankless heater operating control

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

Equipment

Standard Equipment, All units

- Limited 10-year warranty on boiler sections
- Factory tested
- Factory-assembled cast iron sections with the following parts installed (Jacket and collector hood are not assembled on 7-, 8- and 9-section blocks.)
  - Insulated steel jacket
  - Aluminized steel flue collector hood with flue cap on top outlet
  - Swing-away burner mounting door
  - Refractory blanket and target wall in combustion area
  - Heater opening cover plate
- Electrical junction box with wiring harnesses
- Junction box cover plate with service switch
- Two vent pipe brackets
- Drain valve
- Balanced draft damper

SGO steam boilers

- High limit pressure control
- Low water cutoff (Float or probe type) — P units only
- 15 PSIG ASME safety valve (boiler sections tested for 15 PSIG steam working pressure)
- Steam pressure gauge
- Siphon
- Gauge glass, cocks and guard

SGO-W water boilers

- Built-in air separator
- High limit control with circulator relay
- Pressure/temperature gauge
- 30 PSIG ASME relief valve (boiler sections tested for 50 PSIG working pressure)

Optional Equipment

- High-efficiency flame-retention oil burner (Beckett AFG, Carlin EZ or Riello). Specify 2-stage fuel unit (optional) if required.
- Low water cutoffs (float or probe type)
- Tankless heaters and controls
- Weil-McLain 5-year or 10-year Homeowner Protection Plan
- Weil-McLain Indirect-Fired Water Heaters

WEIL-McLAIN

Locate our Sales Offices by visiting our website:
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