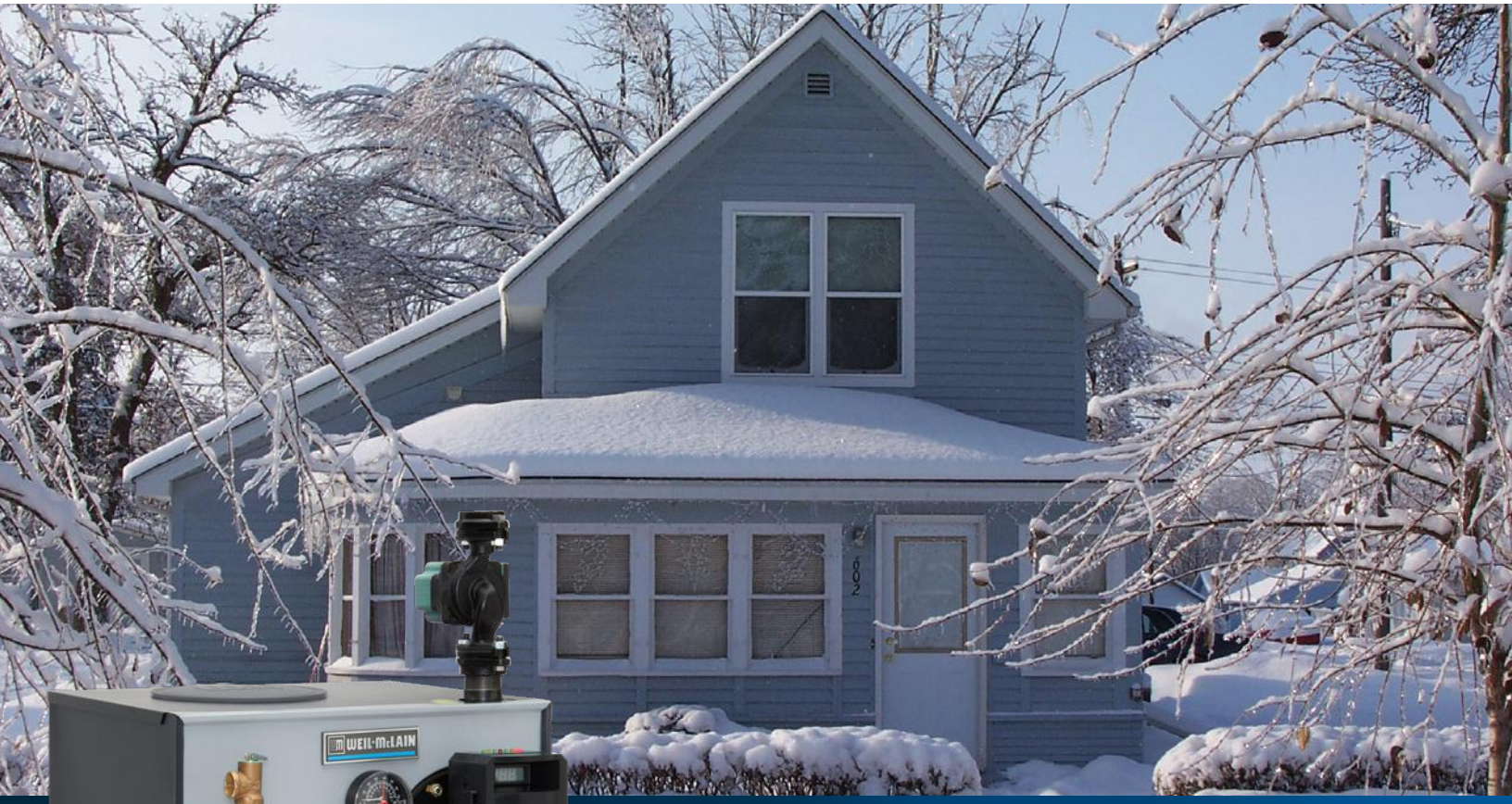
WEIL-McLAIN®
Weil-McLain.com

WTGO

CAST IRON OIL BOILER

Water with Tankless Heater | Oil | 98–357 MBH | 7 sizes
Series 4 | Chimney Vent | Up to 87% AFUE†





HIGH-EFFICIENCY CAST IRON BOILER

WTGO

Provides space and domestic hot water heating.

APPLICATIONS INCLUDE:

- Residential
- Light Commercial
- Multiple Boilers
- Indirect-fired Water Heating
- Radiant Heating

CAST TO LAST

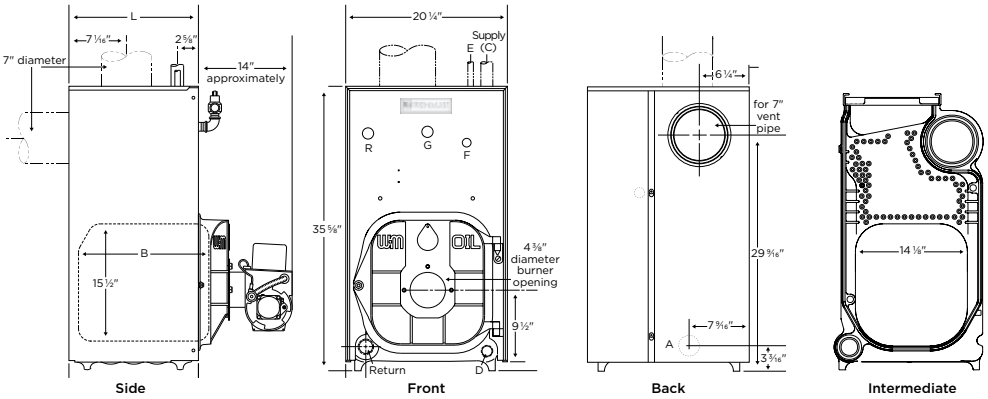
HEAT EXCHANGER MADE IN THE USA

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

ENERGY STAR*

†Model Dependent

DIMENSIONS



Tapping Location	Size (in.)	Control Tappings
A	1½	Alternative return — semi-packaged & knocked-down units only
G	¼	Pressure/temperature gauge
D	¾	Drain valve
F	¾	High limit/circulator control
E	½	Piping to expansion tank or automatic air vent
R	¾	Relief valve

Boiler Size	Supply C (in.)		Return (in.)	Dimension (in.)		Tankless Heater		
	Packaged with Circulator *(circulator flange)*	Semi-Packaged & Knocked-Down		B	L	Number	Inlet & Outlet (NPT) (in.)	Temp Control (NPT) (in.)
WTGO-3	1¼	1½	1½	13½	16⅞	WT-14	½	¾
WTGO-3L	1¼	1½	1½	10½	13¾	WT-14	½	¾
WTGO-4	1¼	1½	1½	13⅝	16⅞	WT-14	½	¾
WTGO-5	1¼	1½	1½	16⅞	20	WT-14	½	¾
WTGO-6	1¼	1½	1½	20	22⅛	WT-14	½	¾
WTGO-7	not applicable	1½	1½	23⅛	26¼	WT-20	½	¾
WTGO-8	not applicable	1½	1½	26¼	29⅜	WT-20	½	¾
WTGO-9	not applicable	1½	1½	29⅜	32½	WT-20	½	¾

RATINGS

ENERGY STAR*	Model[4]	Burner Input Rating		AHRI Certified Ratings			Tankless Heater Intermittent Draw Rating[10]	Draft Loss Through Boiler (In. w/c)	Minimum Chimney Size			Approx. Shipping Weight (Lbs.)
		GPH[5]	MBH[5]	Heating Capacity (MBH)[6,7]	Net Ratings (MBH)[7,9]	AFUE			Rectangular (In.)	Round (In.)	Height (Ft.)	
	WTGO-3LR	0.70	98	86	75	86.4	3.25	.010				560
	WTGO-3LD	0.95	133	115	100	86.0	3.25	.010				560
	WTGO-3R	0.80	112	98	85	86.2	3.25	.020				610
*	WTGO-3RD	0.80	112	98	85	87.0	3.25	.010		6		610
	WTGO-3D	0.95	133	115	100	86.0	3.25	.020				610
	WTGO-4R	1.00	140	122	106	86.2	3.75	.010				660
*	WTGO-4RD	1.00	140	123	107	87.0	3.75	.010				660
	WTGO-4D	1.20	168	146	127	86.0	3.75	.010				660
	WTGO-5R	1.20	168	147	128	86.1	4.00	.015	8x8		15	775
*	WTGO-5RD	1.20	168	148	129	87.0	4.00	.015				775
	WTGO-5D	1.45	203	176	153	86.0	4.00	.015		7		775
	WTGO-6R	1.40	196	171	149	86.1	4.25	.015				875
*	WTGO-6RD	1.40	196	173	150	87.0	4.25	.015				875
	WTGO-6D	1.75	245	213	185	86.0	4.25	.015				875
	WTGO-7R	1.60	224	196	170	86.0	5.50	.015				930
*	WTGO-7RD	1.60	224	197	171	87.0	5.50	.015				930
	WTGO-7D	2.00	280	244	212	86.0	5.50	.015		8		930
	WTGO-8	2.30	322	266	231[8]	-	5.75	.025	8x12		20	1,030
	WTGO-9	2.55	357	295	257[8]	-	6.00	.030				1,135

Boiler order options include
Packaged boiler: Assembled block with jacket, collector hood and controls installed (order burner separately); sizes 3-6
Semi-packaged boiler: Assembled block with jacket and collector hood installed (order burner and trim separately); sizes 3-6
Knocked-down boiler: Assembled block, all other components are cartoned and shipped separately; all sizes

AHRI CERTIFIED · ASME H · CSA C US · DOE · ENERGY STAR · ENGINEERED, DESIGNED & ASSEMBLED in the USA

STANDARD EQUIPMENT:

BOILER

- Factory tested and assembled cast iron section assembly *(jacket and collector hood are not assembled on 7, 8 and 9 section blocks)*
- Tankless heater *(Packaged* units)* or tankless opening cover plate *(Semi-Packaged* & Knocked-Down* units)*
- Insulated steel jacket
- Aluminized steel flue collector hood with flue cap on top outlet *(convertible to rear outlet)*
- Swing-away burner mounting door
- Refractory blanket and target wall in combustion area
- Circulator *(when ordered)*
  - Sizes 3–4: Taco 007e
  - Sizes 5–6: Taco 007
- Combination limit control, tankless heater control and LWCO with integrated service switch
- Two vent pipe brackets
- Pressure/temperature gauge
- 30 PSI ASME relief valve *(boiler sections tested for 50 PSIG working pressure)*
- Drain valve
- Barometric damper

OPTIONAL EQUIPMENT:

- High-efficiency flame-retention oil burner *(Beckett AFG, Carlin EZ or Riello)*. Specify 2-Stage fuel unit *(optional, Beckett)* if required
- Vent damper kits

LIMITED TRANSFERABLE WARRANTY:

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

[4]Boiler model suffixes:
R = Reduced input version—a burner nozzle change may be required, refer to the burner instructions or boiler's rating label for correct selection. No separate/additional damper kit required.
D = High input version—installation of the separate High Input Vent Damper kit (part # 381800515) is required, also a burner nozzle change may be required, refer to the burner instructions or boiler's rating label for correct selection.
RD = ENERGY STAR 87% AFUE compliant only when installed with the separate ES Vent Damper kit (part numbers 381800501 through 381800506) and at the reduced burner rate.
L = Designates a boiler with a special narrow front section (1 1/2 supply tapping) for space constraint installations (i.e., Levittown).

[5]No. 2 fuel oil-Commercial Standard Specification CS75-56. Heating value of oil-140,000 BTU/Gal.

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

[7]MBH refers to thousands of BTU per hour.

[8]AHRI gross output.

[9]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 pickup loads.

[10]Tankless heater rating is in gallons of water per minute, heated from 40°F to 140°F with 200°F boiler water temperature-tested in accordance with I-W-H testing and rating standard for indirect tankless water heaters test with boilers.

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