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CWL-GS SERIES

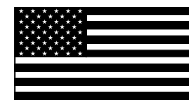
RESIDENTIAL NATURAL GAS/LP FIRED BOILER

Gas Boiler With a Tankless Coil That Performs!!!

- ASME Code Boiler
- National Board Stamped
- 5 GPM Tankless Coil
- Extended Coil Flange for Easy Inspection & Service
- Piping Connections are at the Top & Front for Easy Installation
- Unique Wet-Leg Design for "0" Clearance Installations
- Carlin EZ-Gas Burner
- Natural Gas and LP Orifices Included
- Chimney or Optional Direct-Vent
- Optional Rear Flue Kit for tight installations
- Beckett AquaSmart" advanced boiler control w/integrated low-water cutoff
- Limited Lifetime Warranty



Boiler Compliant with US-Dept.
of Energy; Part 430/ Energy
Conservation Program -
Consumer Products



MADE IN USA

Thermo-Dynamics Boiler Company



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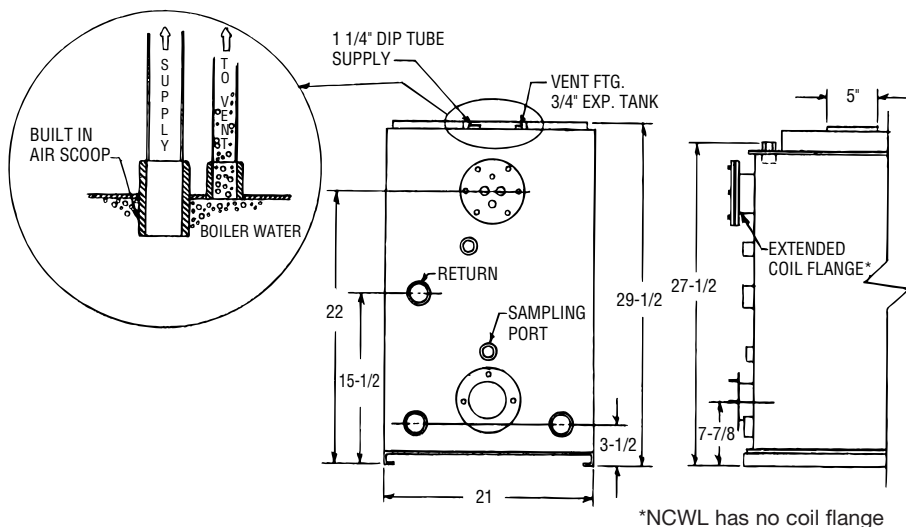
**an economical investment
in home comfort**

Standard Equipment

- Built-in "Air Scoop"
- 5 GPM Tankless Coil
- Carlin EZ-Gas Burner
- Beckett AquaSmart
- Tridicator Gauge
- 30 lb. Relief Valve
- Brass Boiler Drain
- Taco Circulator
- Orifices included for both Nat. Gas & LP

Optional

- Rear Flue Kit
- CWL-GS-DV / direct vent
- NCWL-GS / no coil flange opening



*NCWL has no coil flange

Specifications

MODELS	CWL-GS 100	CWL-GS 120	CWL-GS 140
Input BTU/HR	100,000	120,000	140,000
Heating Capacity BTU/HR	85,000	100,000	115,000
Net Rate BTU/HR	74,000	87,000	100,000
Val Cap. Lbs/HR	140	140	140
Burner Type	Carlin EZ	Carlin EZ	Carlin EZ
Burner Model	SU-2	SU-2	SU-2
Fuel	Nat. Gas	Nat. Gas	Nat. Gas
Orifice Size / Nat Gas	0.228"	0.242"	0.250"
Orifice Size / LP	5/32	11/64	13/64
Max. Inlet Pressure - W.C.	11"	11"	11"
Min. Inlet Pressure - W.C.	5"	5"	5"
Manifold Pressure - W.C.	3.5"	3.5"	3.5"
Air Shutter / Nat Gas	35%	42%	52%
Air Shutter / LP	36%	43%	50%
Draft Over Fire	+0.05"	+0.01"	+0.03"
Draft in Stack	-0.020"	-0.020"	-0.020"
Water Content	15 Gal.	15 Gal.	15 Gal.
Coil Capacity	5 GPM	5 GPM	5 GPM
Depth Front To Rear w/Burner			
Hydronic Supply	1 1/4"	1 1/4"	1 1/4"
Hydronic Return Size	1 1/4"	1 1/4"	1 1/4"
Washout (Alt. Return)	1 1/4"	1 1/4"	1 1/4"
AFUE Rating	83.2%	82.6%	82%
Weight	370	370	370

*Coil capacity based on 5 minute draw/5 minute waiting period.

Six orifices included with boiler package; three for gas for the different input rates and three for LP for the different input rates. Check with installation manual/service sticker for proper adjustments.

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