



NEWPORT

Oil Fired Boiler

Setting

The Standard

In Vertical

Tube Boilers



LAARS
HEATING SYSTEMS



The highly efficient Newport Boiler from Laars Heating Systems has AFUE's of 83% plus at every single firing rate without incurring the additional cost of vent dampers, (compare this to other vertical tube boilers).

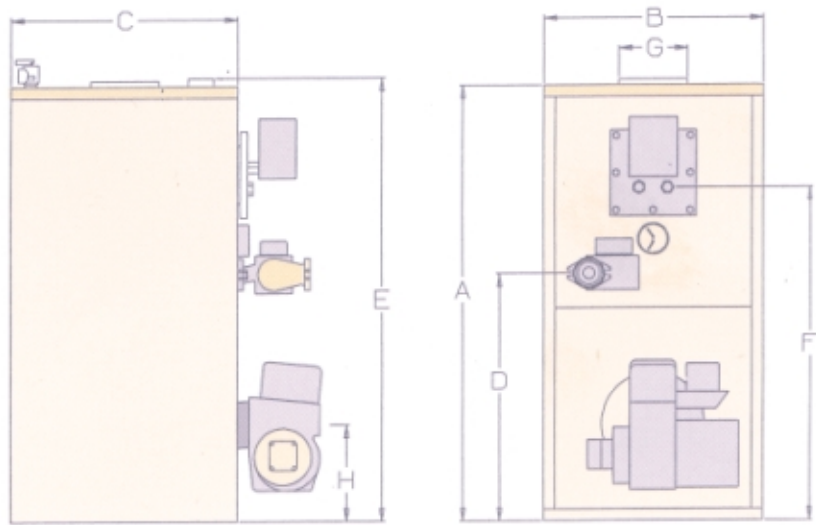
Our quality constructed Newport boiler consists of an ASME tested vessel, a raised flange for the domestic hot water coil and a front accessible combustion chamber for ease of service.

We are proud to offer quality products such as the Newport and our confidence is reflected in our *non-prorated* lifetime warranty covering all Laars steel vessels.

Try the Newport Advantage!

Standard Features

- Limited Lifetime Non-Prorated Warranty
- Boiler with 20 gauge jacket
- Heavy duty insulation & inspection port
- Heavy gauge combustion chamber
- Circulator (mounted)
- Honeywell Aquastat L8124A
- Raised coil flange with plated nuts
- Flue turbulators
- Tridicator
- Beckett burner
- Pressure relief valve
- Units are completely packaged



Specifications	NP 75	NP 85	NP 100	NP 110	NP 125	NP 135	NP 150
Firing Rate GPH	.75	.85	1	1.1	1.25	1.35	1.5
DOE Output (BTU/hr)	85	103.8	120	133.2	150	160.3	177.6
Efficiency % (AFUE)	83.2	83.6	83.1	83.1	83.7	83.0	83.0
Net Stack Temp.	375	312	353	371	351	386	417
Shipping Weight	285	310	310	310	368	368	368
Water Content	9.75	11.6	11.6	11.6	15.4	15.4	15.4
Coil Size (GPM)	4	4	5	5	5	5	5

Dimensions	Ref	NP 75	NP 85	NP 100	NP 110	NP 125	NP 135	NP 150
Jacket Height	A	33	35 1/2	35 1/2	35 1/2	41	41	41
Jacket Width	B	19 1/4	19 1/4	19 1/4	19 1/4	20 1/2	20 1/2	20 1/2
Jacket Depth	C	20	20	20	20	21 1/2	21 1/2	21 1/2
Return Tapping Height	D	19 1/2	19 1/2	19 1/2	19 1/2	22	22	22
Supply Tapping Height	E	31 1/2	33 1/2	33 1/2	33 1/2	38	38	38
Coil Supply Height	F	25	27 1/2	27 1/2	27 1/2	31 1/2	31 1/2	31 1/2
Smoke Outlet Diameter	G	6	6	6	6	6	6	6
Burner Center Line	H	8 1/2	8 1/2	8 1/2	8 1/2	10 1/2	10 1/2	10 1/2
Tankless Coil NPT		1/2	1/2	1/2	1/2	1/2	1/2	1/2
Return NPT		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Supply NPT		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4



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