

NA R

GROUND TYPE CONVENTIONAL BOILERS

Liquid and Gas Fired, Backpressure Hot Water Boiler

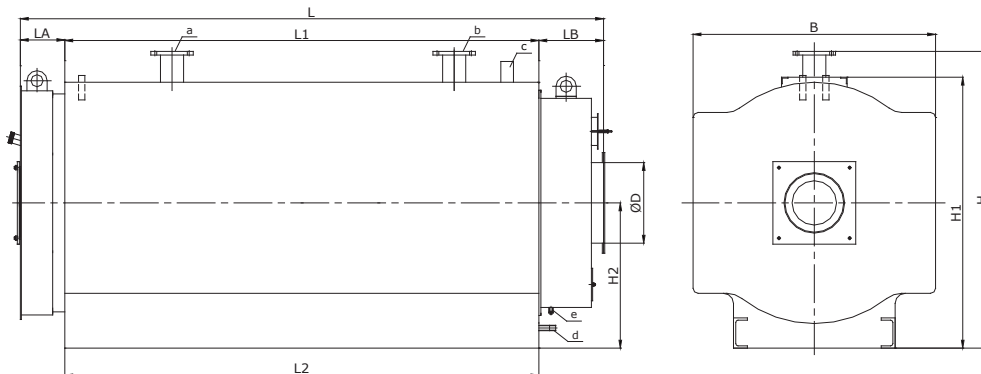


High efficiency, high saving rate

- * 4-6-8 bar operating pressure
- * Up to 93,7 % efficiency
- * Suitable for natural gas, LPG and liquid fuel, high efficiency and long life
- * Provides savings with low fuel consumption
- * Minimally affected by residues and calcification by virtue of its design
- * Its design that balances heat differences in the boiler enables easy expansion capability
- * Turbulators placed in smoke tubes enable maximum benefit .

NA R

Liquid and Gas Fired Two Pass Hot Water Boiler



Technical Spec.	Unit	60	80	100	130	160	200	250	320	400	500	640	800	1000	1250	1600	2000	2500
Capacity	kcal/h	60.000	80.000	100.000	130.000	160.000	200.000	250.000	320.000	400.000	500.000	640.000	800.000	1000.000	1250.000	1600.000	2000.000	2500.000
Capacity	kW	70	93	116	151	186	233	291	372	465	581	744	930	1163	1453	1860	2326	2907
L	mm	1.070	1.070	1.305	1.370	1.385	1.385	1.665	1.810	2.036	2.247	2.497	2.910	2.951	3.206	3.532	3.552	3.922
L1	mm	755	755	990	985	1.005	1.005	1.255	1.400	1.595	1.807	2.000	2.400	2.410	2.655	2.950	2.960	3.285
L2	mm	740	740	975	1.000	990	990	1.240	1.385	1.579	1.792	1.987	2.400	2.400	2.655	2.940	2.950	3.295
LA	mm	130	130	130	170	170	170	185	185	185	185	190	190	225	225	246	246	251
LB	mm	205	205	205	220	230	230	245	240	278	275	330	320	335	336	356	356	376
B	mm	755	755	785	810	890	890	920	960	1.020	1.020	1.220	1.240	1.400	1.455	1.620	1.715	1.850
H	mm	948	950	953	968	1.060	1.085	1.105	1.140	1.213	1.213	1.390	1.465	1.577	1.632	1.780	1.902	2.117
H1	mm	840	840	840	860	955	980	1.000	1.035	1.110	1.110	1.285	1.360	1.492	1.547	1.712	1.817	1.942
H2	mm	465	465	458	460	510	535	540	555	600	600	675	740	770	797	880	938	995
ØD	mm	150	150	200	200	200	250	250	300	300	350	350	400	450	500	550	600	650
Water Outlet (a)	DN	50	50	50	50	65	65	65	65	80	80	100	100	125	125	150	150	200
Water Inlet (a)	DN	50	50	50	50	65	65	65	65	80	80	100	100	125	125	150	150	200
Expansion (c)	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	3"	3"	3"	4"	4"	5"
Boiler Drain (d)	inch	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	2"	2"	2"	2"	2"
Smoke Box Drain Outlet (e)	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Water Volume	lt	122	120	175	178	234	233	282	305	377	446	841	942	1.360	1.573	2.403	2.926	3.221
Counter pressure	mbar	0,2	0,6	1	1,1	1,2	1,6	1,8	2	2,5	3,2	4,4	5,4	6,2	6,7	7	9	12