

# EUROMAX

## GROUND TYPE CONVENTIONAL BOILERS

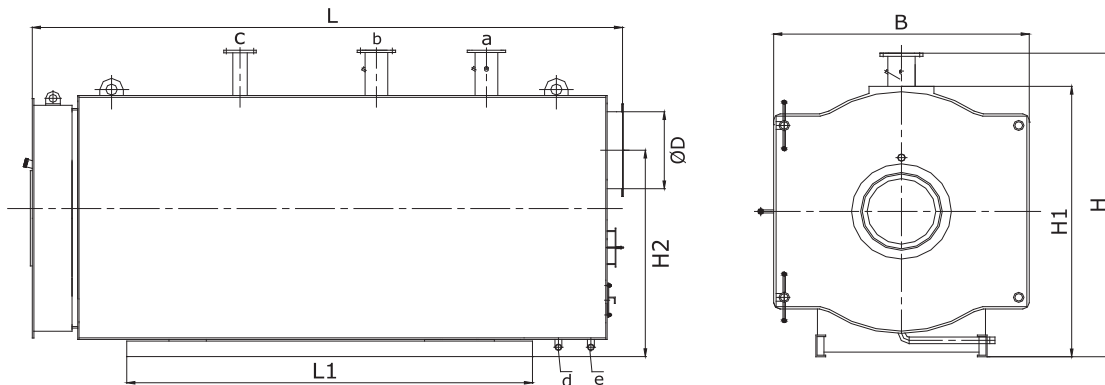
### Three-Pass Hot Water Boiler



#### Optimum heat transfer, environment friendly

- \* 6-8 bar operating pressure
- \* Up to 94,4% efficiency
- \* Optimum thermal balancing and heat energy use, effective heat use, three passes for reduced operation costs
- \* Uninterrupted passes in all three passes and balanced cooling of flue gases resulting in extended service life.
- \* Robust boiler construction thanks to symmetrically positioned heat transfer surfaces.
- \* Damage to environment is minimized by low chimney gas emissions.
- \* High operation safety thanks to integrated ejector spaces designed for equal (homogeneous) temperature distribution and plates redirecting returning water to hot parts of the boiler
- \* Optimum heat transfer thanks to three-pass burning principle and water cooled reversal chamber.

### EUROMAX Liquid and Gas Fired Three-Pass Hot Water Boiler



Technical Specifications	Unit	1170	1455	1745	2000	2330	2910	3500	4000	5000	6000	8000	10000
Capacity	kW	1170	1455	1745	2000	2330	2910	3500	4000	5000	6000	8000	10000
L	mm	3.200	3.572	3.730	3.900	3.900	4.200	4.557	4.810	4.960	5.430	6.252	6.756
L1	mm	2.215	2.570	2.700	2.915	2.915	3.210	3.500	3.736	3.880	4.370	5.260	5.760
B	mm	1.400	1.460	1.490	1.517	1.550	1.700	1.790	1.855	2.030	2.404	2.715	2.905
H	mm	1.750	1.815	1.845	1.870	1.885	2.055	2.145	2.210	2.385	2.762	3.120	3.328
H1	mm	1.570	1.630	1.660	1.690	1.700	1.870	1.960	2.025	2.200	2.577	2.934	3.143
H2	mm	1.220	1.240	1.270	1.316	1.350	1.472	1.560	1.590	1.715	2.025	2.317	2.476
ØD	mm	300	350	400	450	450	500	550	600	650	750	900	1000
Water Outlet (a)	DN	125	125	150	150	150	200	200	250	250	300	300	300
Water Inlet (b)	DN	125	125	150	150	150	200	200	250	250	300	300	300
Safety Valve (c) @ 6 bar	DN	40	40	50	50	50	65	65	65	80	80	100	125
Boiler Drain (d)	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Smoke box drain (e)	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"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Water Volume	lt	1.791	2.178	2.270	2.422	2.600	2.848	3.998	4.663	6.678	10.237	15.142	18.643
Counter pressure	mbar	4	4	4	4	4	4	4	4	4	4	4	4