

EUROMAX C

GROUND TYPE CONDENSING BOILERS

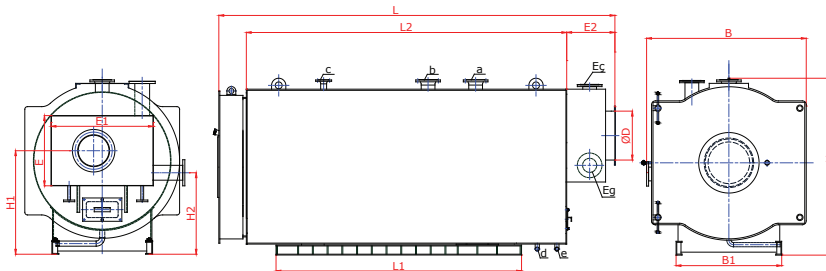
Three-Pass Condensing Hot Water Boiler with Integrated Economizer



Optimum heat transfer, long boiler life

- * 6-8 bar operating pressure
- * Up to 96,5% 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
- * Economizer, where the condensation takes place is made of stainless steel material. Thus acidic condensation water does not harm this part

EUROMAX C Three-Pass Condensing Hot Water Boiler with Integrated Economizer



Teknik Özellikler	Unit	1170	1455	1745	2330	2910	3500	4000	5000	6000	8000	10000
Condensing Economizer												
50/30 °C	kW	60	75	89	132	163	195	223	278	334	472	599
80/60 °C	kW	47	57	69	103	129	155	173	217	260	373	471
Boiler Dimensions												
Length	mm	3.690	4.088	4.190	4.474	4.778	5.170	5.464	5.651	6.085	7.047	7.720
Width	mm	1.544	1.553	1.746	1.812	1.950	2.052	2.061	2.223	2.404	2.733	2.905
Height	mm	1.750	1.815	1.865	1.885	2.057	2.143	2.209	2.384	2.762	3.120	3.328
L	mm	3.690	4.088	4.190	4.474	4.778	5.170	5.464	5.651	6.085	7.047	7.720
L1	mm	2.215	2.570	2.700	2.915	3.210	3.500	3.736	3.880	4.370	5.260	5.760
L2	mm	3.005	3.375	3.505	3.705	4.010	4.360	4.610	4.745	5.130	5.950	6.450
B	mm	1.544	1.553	1.746	1.812	1.950	2.052	2.061	2.223	2.404	2.733	2.905
B1	mm	920	950	960	1.040	1.145	1.210	1.260	1.385	1.670	1.870	2.000
H	mm	1.750	1.815	1.845	1.885	2.057	2.143	2.209	2.384	2.762	3.120	3.328
H1	mm	861	923	898	1.138	1.117	1.167	1.176	1.355	1.435	1.673	1.850
H2	mm	512	574	577	679	739	773	857	963	952	1.170	1.357
ØD	mm	300	350	400	450	500	550	600	650	750	900	1.000
E	mm	1.020	1.020	1.077	1.077	1.077	1.077	1.077	1.077	1.277	1.410	1.410
E1	mm	1.090	1.086	1.245	1.314	1.445	1.565	1.514	1.660	1.489	1.913	1.913
E2	mm	475	503	475	560	560	600	644	686	713	877	1.050
Eç	DN	65	65	65	80	80	100	100	100	125	150	150
Eg	DN	65	65	65	80	80	100	100	100	125	150	150
Water Outlet (a)	DN	125	125	150	150	200	200	250	250	300	300	300
Water Inlet (b)	DN	125	125	150	150	200	200	250	250	300	300	300
Safety Valve (c) @ 6 bar	DN	40	40	50	65	65	65	65	80	80	100	125
Boiler Drain (d)	inç	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"
Flue Water Discharge Outlet (e)	inç	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"
Economizer Water Flow Rate	m³/h	15	19	23	30	30	36	41	52	62	103	129
Counter Pressure	mbar	4,5	4,5	4,5	4,8	4,8	5	5	5,2	5,2	5,2	5,2