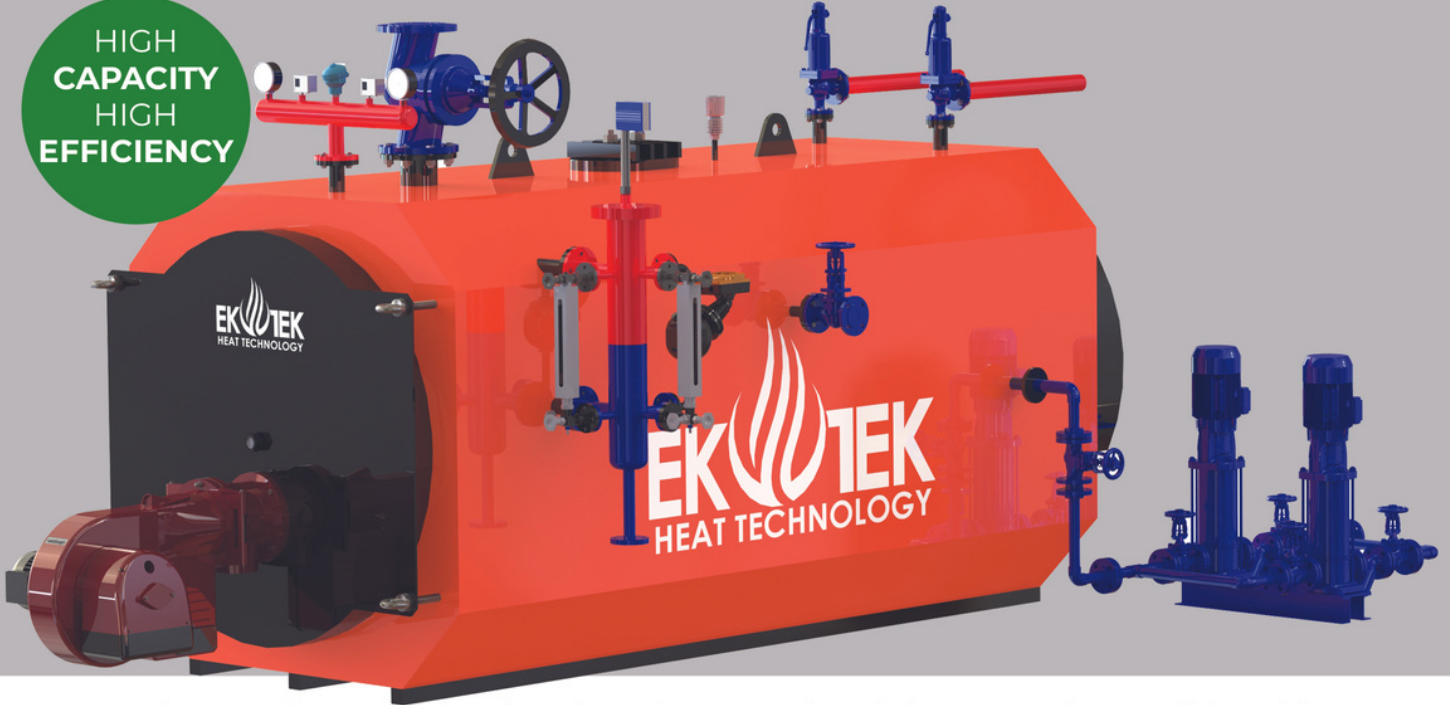


PERFORMANCE SERIES

200 kg/h-4000 kg/h steam production capacity
Working pressure between 3 - 16 bar

HIGH
CAPACITY
HIGH
EFFICIENCY



- In order to produce steam in a short time, the water volume is kept as small as possible and the steam volume is large.
- Thanks to its high heating surface area, it provides the opportunity to obtain drier and higher energy steam.
- High pressure (long-barrelled) burner should be used in 2-pass liquid/gas fueled boilers. When choosing a burner, consider the counter pressure value and inform your burner company.
- In counter pressure steam boilers, the flame is separated from the boiler with 2 passes. The flame that hits the rear wall comes back to the front cover and turns back from the front wall covered with refractory material and leaves the boiler through pipes.
- It is highly efficient, since most of the energy of the fuel is used.
- Thanks to the strong insulation with rock wool, heat loss is prevented.
- OUR COMPANY RECOMMENDS YOU TO USE AUTOMATIC BOTTOM Blowdown and SURFACE Blowdown in the SYSTEM.(Manual Blowdown Available in the Package System)
- Maximum efficiency and low flue temperature are obtained thanks to the smoke diverting turbulators used in the boiler pipes.
- Thanks to the turbulators, the time and surface area of the flue gases in contact with the smoke pipes are increased.
- WE RECOMMEND USING A DEGASER IN BOILER WORKING PRESSURE 8 BAR AND OVER.
- Ekotek Heating Technologies 5 types of safety systems are used in all steam boilers. All safety systems, including steam temperature, mechanical pressure, digital pressure, safety valve, chimney temperature controls, as well as boiler feeding pumps, are used in double standard packages.
- PLC control system can be added upon request.
- If you want to be in control, you should definitely see our optional options. Control your power with Ekotek technology. With optional options; Plc Touch screen controlled, Modbus RTU (Remote Terminal Unit Rtu) is completely under your control

% 100 SAFE , USER-FRIENDLY



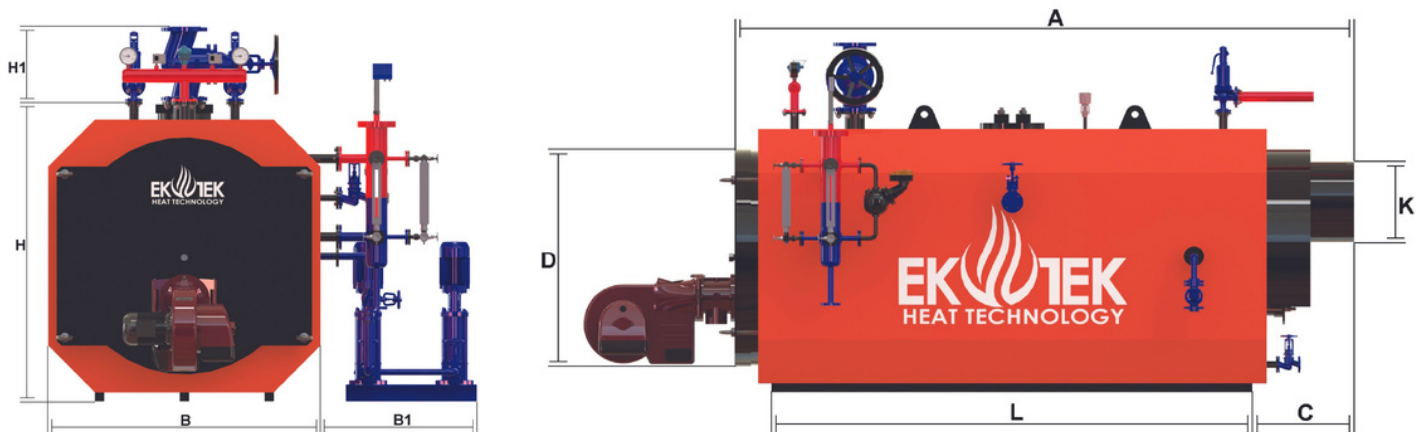
Min 145 kW - Max 2907 kW



LIQUID / GAS FUEL, TWO PASS, COUNTER PRESSURE, HIGH PRESSURE STEAM BOILERS



- Combustion chamber dimensions; It has been designed in such a way that it will not cause harmful emissions polluting the environment and the formation of Nox.
- Our boilers do not cause noise pollution with their silent operation.
- It is produced as furnace and combustion chamber corrugated according to the pressure values. The strength of the boiler and its resistance against thermal stresses have been increased in this way.
- Smoke pipes are welded with mirrors and provide safer and long-lasting operation.
- Safe with smoke chest, blasting cover and clear cover.
- It provides ease of operation and maintenance, minimum fuel consumption and reduction of operating expenses thanks to the burner burning control.
- Due to the appropriate size of the boiler, it can be easily placed in any environment.
- With its stylish appearance, it is noticed with its compatibility in the environment it is in.
- It is easy to assemble.
- Easy to Maintain.
- Upon request, our steam boilers can be delivered as a package with all its accessories.



MODEL	CAPACITY				Dimensions											WATER VOLUME	BOILER FLANGES					MIN CONDENSATE TANK CAPACITY	COUNTER-PRESSURE	SMOKE TUBE	INSULATION PROPERTIES	RECOM. MIN CHIMNEY DIMENSIONS @		APPROXIMATE WEIGHT
																	STEAM OUTPUT	SAFETY	WATER INLET	BOTTOM BLOWDOWN	SURFACE BLOWDOWN					DN	DN	
BIRIM	M ³	KCAL/H	KW	MW	KG/H	A	B	B1	C	D	H	H1	K	L	LT	DN	DN	DN	DN	DN	LT	MBAR	øMM	MM	øMM	øMM	KG	
PERFORMANCE 5	5	125.000	145	0,15	200	1950	950	1000	450	800	1150	520	200	1500	520	40	25/40	32	40	32	200	3,5	57	100	200	200	1365	
PERFORMANCE 10	10	250.000	291	0,29	400	2250	1120	1000	500	970	1320	520	250	1745	872	50	25/40	32	40	32	400	3,5	57	100	300	250	1670	
PERFORMANCE 15	15	375.000	436	0,44	600	2650	1250	1000	700	1100	1450	520	300	1950	1149	65	25/40	32	40	32	600	6,5	57	100	350	300	1980	
PERFORMANCE 20	20	500.000	581	0,58	800	2800	1320	1000	750	1170	1520	520	350	2050	1465	65	25/40	32	40	32	800	6,5	57	100	400	350	2100	
PERFORMANCE 25	25	625.000	727	0,73	1000	2950	1375	1000	805	1225	1575	520	400	2145	2100	80	25/40	32	40	32	1000	6,5	57	100	400	400	2650	
PERFORMANCE 30	30	750.000	872	0,87	1200	3000	1420	1000	800	1270	1620	520	450	2200	2570	100	32/50	32	40	32	1200	6,5	57	100	450	450	3200	
PERFORMANCE 40	40	1.000.000	1163	1,16	1600	3100	1600	1100	850	1450	1800	520	500	2250	2982	100	32/50	32	40	32	1600	7	57	100	500	500	3580	
PERFORMANCE 50	50	1.250.000	1453	1,45	2000	3200	1700	1100	850	1550	1900	520	550	2350	3425	125	40/65	32	40	32	2000	7	57	100	550	550	3890	
PERFORMANCE 60	60	1.500.000	1744	1,74	2400	3350	1790	1100	850	1640	1990	520	550	2500	3795	125	40/65	32	40	32	2400	7,5	57	100	600	550	4160	
PERFORMANCE 70	70	1.750.000	2035	2,03	2800	3600	1860	1100	850	1710	2060	520	600	2750	4160	125	50/80	32	40	32	2800	8	57	100	650	600	4505	
PERFORMANCE 80	80	2.000.000	2326	2,33	3200	3850	1960	1100	850	1810	2160	520	650	3000	4630	150	50/80	32	40	32	3200	8,5	57	100	700	650	4850	
PERFORMANCE 90	90	2.250.000	2616	2,62	3600	4100	2010	1150	950	1860	2210	520	650	3150	5040	150	50/80	32	40	32	3600	8,5	76,1	100	700	650	5145	
PERFORMANCE 100	100	2.500.000	2907	2,91	4000	4450	2010	1150	1000	1860	2210	520	700	3450	5625	150	50/80	32	40	32	4000	9	76,1	100	750	700	5640	

EKOTEK HEAT TECHNOLOGIES HAS THE RIGHT TO MAKE CHANGES IN DIMENSIONS, WEIGHTS AND MODELS WITHOUT NOTICE ACCORDING TO THE CHANGE IN STANDARDS, DESIGN, ETC.

NOTE: The recommended chimney diameter is calculated as an average of 400 m altitude. The diameter of the chimney is the minimum size and may vary.

THE DATA IN THE TABLE IS MADE BASED ON 8 BAR PRESSURE. DATA MAY VARY DEPENDING ON PRESSURE.