

# STORM SERIES

175 kg/h-32.000 kg/h steam production capacity  
Working pressure between 3 - 16 bar

HIGH  
CAPACITY  
HIGH  
EFFICIENCY



Thanks to its large water and steam volume, it provides high performance in intense and continuous working conditions and in sudden steam draws.

- Thanks to its high heating surface, it provides the opportunity to obtain drier and higher energy steam.
- It offers comfortable and highly efficient combustion performance with its low counter pressure values.
- 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.
- Heat loss is prevented thanks to strong insulation with glass wool or rock wool.
- OUR COMPANY RECOMMENDS YOU TO USE AUTOMATIC BOTTOM Blowdown and SURFACE Blowdown in the SYSTEM. (MANUAL BLUFFS ARE AVAILABLE IN PACKAGE SYSTEMS)
- WE RECOMMEND USING A DEGASER IN BOILER WORKING PRESSURE 8 BAR AND OVER.
- Ekotek Heating Technologies recommends all the accessories used in package system steam boilers and burner systems of known brands.
- 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 23256 kW**

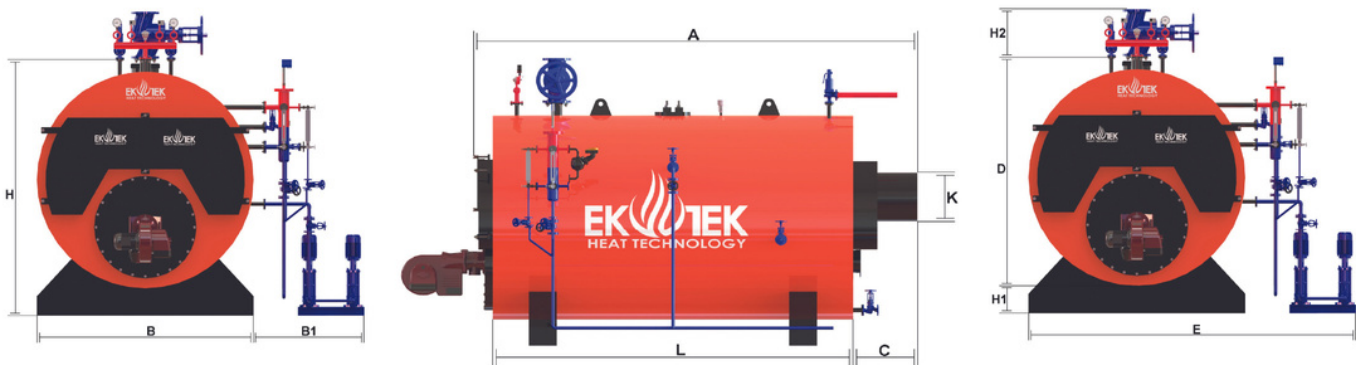


# LIQUID / GAS FUEL, THREE PASS, SCOTCH HIGH PRESSURE STEAM BOILER



\*Scotch type 3-pass boilers have taken the title of the longest-lasting and efficient boiler with their superior designs accepted all over the world.

- Our boilers do not cause noise pollution with their silent operation.
- 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					LIQUID FUEL	GAS FUEL	
BIRIM	M³	KCAL/H	KW	MW	KG/H	A	B	B1	C	D	E	H	H1	H2	K	L	LT	DN	DN	DN	DN	DN	LT	MBAR	øMM	MM	øMM	øMM	KG	
STORM 5	5	125.000	145	0,15	175	2810	950	1150	650	1025	2100	1275	250	550	200	1500	650	32	25/40	32	40	32	45	5	57 -76,1	100	200	200	950	
STORM 10	10	250.000	291	0,29	350	2910	980	1150	650	1080	2130	1330	250	550	250	1600	800	50	25/40	32	40	32	350	5	57 -76,1	100	300	250	1450	
STORM 15	15	375.000	436	0,44	525	3205	1165	1150	650	1265	2315	1515	250	550	300	1895	1400	65	25/40	32	40	32	525	5	57 -76,1	100	350	300	1875	
STORM 20	20	500.000	581	0,58	700	3220	1320	1150	650	1420	2470	1670	250	550	350	1910	2000	65	25/40	32	40	32	700	5	57 -76,1	100	400	350	2450	
STORM 25	25	625.000	727	0,73	875	3300	1320	1150	650	1520	2470	1770	250	550	400	1990	2500	80	25/40	32	40	32	875	5	57 -76,1	100	400	400	3100	
STORM 30	30	750.000	872	0,87	1050	3660	1420	1150	650	1620	2570	1870	250	550	450	2350	2750	80	25/40	32	40	32	1050	6	57 -76,1	100	450	450	3850	
STORM 40	40	1.000.000	1163	1,16	1400	3660	1570	1150	650	1770	2720	2020	250	550	500	2350	2950	100	32/50	32	40	32	1400	7	57 -76,1	100	500	500	4700	
STORM 50	50	1.250.000	1453	1,45	1750	4260	1670	1150	650	1870	2820	2120	250	550	550	2950	3800	100	32/50	32	40	32	1750	7	57 -76,1	100	550	550	5950	
STORM 60	60	1.500.000	1744	1,74	2100	4500	1820	1150	650	2020	2970	2270	250	550	550	3190	4300	125	40/65	32	40	32	2100	8	57 -76,1	100	600	550	6100	
STORM 70	70	1.750.000	2035	2,03	2450	4710	1820	1150	650	2020	2970	2270	250	550	600	3400	5500	125	40/65	32	40	32	2450	8	57 -76,1	100	650	600	7350	
STORM 80	80	2.000.000	2326	2,33	2800	4855	1820	1150	700	2020	2970	2270	250	550	650	3545	6100	125	50/80	32	40	32	2800	8	57 -76,1	100	700	650	8100	
STORM 100	100	2.500.000	2907	2,91	4000	5070	1970	1150	700	2170	3120	2470	300	550	700	3760	7300	150	50/80	32	40	32	3500	8	57 -76,1	100	750	700	9750	
STORM 125	125	3.125.000	3634	3,63	5000	5530	2195	1200	700	2395	3395	2695	300	600	750	4220	8000	150	65/100	32	40	32	4375	8	57 -76,1	100	800	750	11200	
STORM 150	150	3.750.000	4360	4,36	6000	5985	2200	1200	750	2400	3400	2700	300	600	800	4675	11000	200	65/100	32	40	32	5250	8	57 -76,1	100	850	800	12900	
STORM 175	175	4.375.000	5087	5,09	7000	6270	2230	1200	750	2430	3430	2730	300	600	900	4960	12750	200	80/125	32	40	32	6125	8	57 -76,1	100	1100	900	14750	
STORM 200	200	5.000.000	5814	5,81	8000	6330	2430	1200	750	2630	3630	2930	300	600	1000	5020	13200	200	80/125	40	40	32	7000	9	57 -76,1	100	1100	1000	16200	
STORM 250	250	6.250.000	7267	7,27	10000	6600	2900	1200	850	3100	4100	3450	350	600	1100	5250	14500	250	80/125	40	40	32	8750	9	57 -76,1	100	1200	1000	18250	
STORM 300	300	7.500.000	8721	8,72	12000	6950	2950	1200	850	3150	4150	3500	350	600	1300	5600	15750	250	100/150	40	40	32	10500	10	57 -76,1	100	1400	1300	20700	
STORM 350	350	8.750.000	10174	10,17	14000	7380	3130	1200	850	3330	4330	3680	350	600	1400	6070	16500	250	100/150	40	40	32	12250	10	57 -76,1	100	1400	1500	23000	
STORM 400	400	10.000.000	11628	11,63	16000	7000	3150	1200	850	3350	4350	3700	350	600	1500	5800	22500	300	100/150	50	40	32	14000	11	57 -76,1	100	1500	1500	24700	
STORM 450**	450	11.250.000	13081	13,08	18000	7100	3400	1200	850	3600	4600	3950	350	600	1600	5850	25000	300	100/150	50	40	32	15750	11	57 -76,1	100	1600	1600	26200	
STORM 500**	500	12.500.000	14535	14,53	20000	7550	3500	1200	850	3700	4700	4050	350	600	1600	6300	28375	300	100/150	50	40	32	17500	12	57 -76,1	100	1600	1600	28300	
STORM600**	600	15.000.000	17442	17,44	24000	7700	3600	1200	950	3800	4800	4150	350	600	1800	6400	31750	300	100/150	50	40	32	21000	15	57 -76,1	100	1800	1800	31100	
STORM 700**	700	17.500.000	20349	20,35	28000	8600	4050	1200	950	4250	5250	4600	350	600	2000	6900	35460	300	125/200	50	40	32	24500	17	57 -76,1	100	2000	2000	34870	
STORM 800**	800	20.000.000	23256	23,26	32000	9700	4150	1200	950	4350	5350	4700	350	600	2100	7900	38700	300	125/200	50	40	32	28000	19	57 -76,1	100	2100	2100	39430	

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.