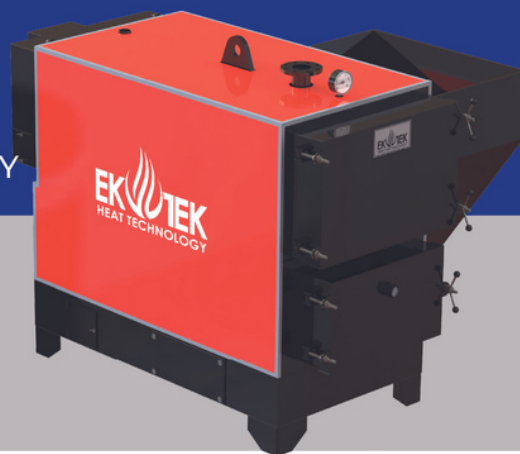


TORCH SERIES

80.000 KCAL/H-3,000.000 KCAL/H HEAT CAPACITY

3 PASS CENTRAL SYSTEM SOLID FUEL HOT WATER BOILER

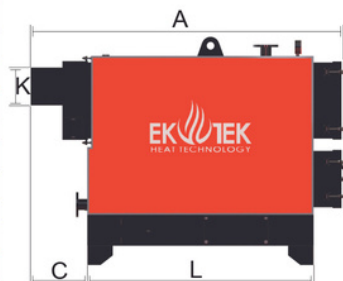
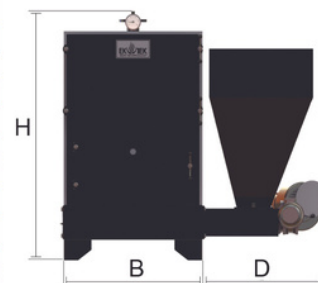


GENERAL INFORMATION AND MATERIAL QUALITY

- Our company is controlled and audited by EKOTEK, Brand registered and ISO 9001:2015 quality management system. Our products are TSE CERTIFIED products.
- Welding processes are carried out by certified welders in accordance with approved WPS and WPQRs.
- The products used in production are all certified materials.
- Our boilers produced in TS EN 497 standards are certified with 97/23/AT Pressure Equipment Regulation module H Full Quality Assurance.
- Our products are manufactured using S235 JR quality sheet metal.
- Our products are manufactured using boiler pipes made of P235GH and higher quality steel in accordance with TS EN 10217-2 norm.

- Single flat and double flat central system that can fit into the narrowest spaces. Different granular fuels COAL, Olive pomace, HAZELNUT SHELLS etc. They are boilers that can burn and provide high efficiency.
- Air sent to the primary with the help of a fan; It provides a controlled and clean smokeless combustion.
- Fuel supply is from the bottom and direct contact of the flame with the inferno is provided.
- Thanks to its three-pass design, it distributes the heat obtained equally to all surfaces, providing maximum heat transfer and fuel savings.
- More heating is provided with less fuel.
- By keeping the water temperature constant with the thermostat control, fuel savings are maximized.
- Our boilers are designed for minimum 4.500 kcal/h (flame temperature 1200 C°) fuel. Please contact our company to burn lower calorie fuel.

MODEL	CAPACITY			Dimensions							WATER VOLUME	BOILER FLANGES				FUEL TANK CAPACITY		OPERATING PRESSURE	INSULATION PROPERTIES	APPROXIMATE WEIGHT
												WATER INLET	WATER OUTPUT	SAFETY	DISCHARGE	COAL	OLIVE POMACE			
BIRIM	KCAL/H	KW	MW	A	B	C	D	H	K	L	LT	DN	DN	INCH	INCH	KG	KG	BAR	MM	KG
Torch 80A	80.000	93	0,09	1500	790	500	750	1410	220	1000	185	2"	2"	1	1	150	125	3	100	655
Torch 100A	100.000	116	0,12	1700	790	500	750	1410	220	1200	215	2"	2"	1	1	150	125	3	100	710
Torch 120A	120.000	140	0,14	1825	900	550	750	1500	220	1300	230	2"	2"	1	1	150	125	3	100	740
Torch 130A	130.000	151	0,15	1825	900	550	750	1500	220	1325	285	2"	2"	1	1	150	125	3	100	860
Torch 150A	150.000	174	0,17	2150	900	600	750	1575	220	1520	340	50	50	1 1/4	1	200	175	3	100	980
Torch 160A	160.000	186	0,19	2150	960	600	750	1600	220	1520	360	50	50	1 1/4	1	200	175	3	100	1085
Torch 180A	180.000	209	0,21	2300	1020	600	750	1800	270	1650	385	65	65	1 1/4	1	200	175	3	100	1140
Torch 200A	200.000	233	0,23	2300	1020	600	850	1800	270	1700	420	65	65	1 1/4	1	200	175	3	100	1240
Torch 230A	230.000	267	0,27	2350	1090	600	850	1850	270	1750	450	65	65	1 1/4	1	200	175	3	100	1365
Torch 250A	250.000	291	0,29	2350	1090	600	850	1900	320	1750	575	65	65	1 1/4	1	200	175	3	100	1480
Torch 280A	280.000	326	0,33	2400	1150	600	850	1950	320	1800	600	80	80	1 1/2	1	200	175	3	100	1560
Torch 300A	300.000	349	0,35	2450	1175	600	850	2000	400	1850	690	80	80	1 1/2	1	200	175	3	100	1650
Torch 330A	330.000	384	0,38	2550	1250	600	850	2000	400	1950	715	80	80	1 1/2	1	200	175	3	100	1800
Torch 350A	350.000	407	0,41	2650	1270	600	850	2000	400	2050	825	80	80	1 1/2	1	200	175	3	100	1910
Torch 370A	370.000	430	0,43	2650	1300	600	850	2050	400	2050	890	80	80	1 1/2	1	200	175	3	100	2010
Torch 400A	400.000	465	0,47	2700	1330	600	850	2050	400	2100	940	80	80	1 1/2	1	200	175	3	100	2450
Torch 450A	450.000	523	0,52	2900	1390	600	850	2100	400	2300	1020	80	80	1 1/2	1	200	175	3	100	3100
Torch 500A	500.000	581	0,58	3050	1450	600	850	2100	400	2450	1100	80	80	1 1/2	1	200	175	4	100	3450
Torch 520A	520.000	605	0,60	3100	1450	600	850	2150	400	2500	1135	80	80	1 1/2	1	200	175	4	100	3780
Torch 550A	550.000	640	0,64	3150	1450	600	850	2150	400	2550	1160	100	100	2	1	200	175	4	100	3985
Torch 600A	600.000	698	0,70	3200	1520	600	850	2220	400	2600	1280	100	100	2	1	200	175	4	100	4170
Torch 650A	650.000	756	0,76	3300	1520	650	850	2270	400	2680	1340	100	100	2	1	200	175	4	100	4430
Torch 700A**	700.000	814	0,81	3450	1550	700	950	2300	400	2750	1490	100	100	2	2	400	350	4	100	4950
Torch 750A**	750.000	872	0,87	3600	1620	700	950	2300	400	2900	1550	100	100	2	2	400	350	4	100	5100
Torch 800A**	800.000	930	0,93	3700	1620	750	950	2325	450	2950	1840	100	100	2	2	400	350	4	100	5800
Torch 850A**	850.000	988	0,99	3750	1620	790	950	2350	450	2960	1920	100	100	2	2	400	350	4	100	6150
Torch 900A**	900.000	1.047	1,05	3800	1720	840	950	2370	450	2960	2150	100	100	2	2	400	350	4	100	6500
Torch 1000A**	1.000.000	1.163	1,16	4000	1760	850	950	2450	450	3150	2850	100	100	2	2	400	350	5	100	7560
Torch 1250A**	1.250.000	1.453	1,45	4250	1810	850	950	2570	500	3400	3075	125	125	2	2	400	350	5	100	7950
Torch 1500A**	1.500.000	1.744	1,74	4500	1850	850	950	2630	500	3700	3200	125	125	2 1/2	2	400	350	5	100	8750
Torch 1750A**	1.750.000	2.035	2,03	4600	1850	850	950	2720	500	3800	3400	125	125	2 1/2	2	400	350	5	100	10000
Torch 2000A**	2.000.000	2.326	2,33	4750	1950	850	950	2750	600	3900	4100	125	125	2 1/2	2	600	525	6	100	11750
Torch 2500A**	2.500.000	2.907	2,91	4950	2100	850	950	2800	650	4200	4550	125	125	2 1/2	2	600	525	6	100	12450
Torch 3000A**	3.000.000	3.488	3,49	5300	2280	850	950	2820	700	4450	4750	125	125	2 1/2	2	600	525	6	100	13750



EKOTEK HEAT TECHNOLOGIES HAVE THE RIGHT TO MAKE CHANGES IN STANDARDS, DESIGNS, VS, DIMENSIONS, WEIGHTS AND MODELS WITHOUT NOTICE.

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.