TRANSFORM SERIES

125.000 Kcal/h – 2.000.000 Kcal/h Heat capacity

HIGH CAPACITY HIGH EFFICIENCY

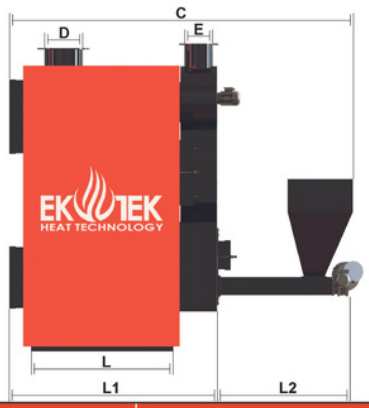
solid

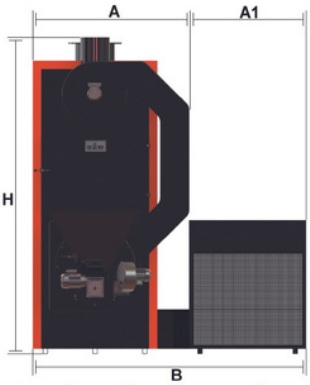
ISO 9001 :2015 EAC YERLİ ÜRETİM

SOLID FUEL HOT AIR BOILER

GENERAL INFORMATION AND MATERIAL QUALITY

- Our company is controlled and audited by EKOTEK, Brand registered and ISO 9001:2015 quality management system.
- 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 products have been produced in accordance with the 2014/68/EU Pressure Vessels directive and have a CE certificate.
- Our products are manufactured according to EN288, EN287-1 using S 235 JR quality boiler sheet.
- Our products are manufactured using boiler pipes made of P235GH and higher quality steel in accordance with TS EN 10217-2 norm.
- Combustion chamber and first pass pipes will be made of stainless material, other parts will be made of S 235 JR black sheet. Insulation 100mm rock wool (Our boiler is 4-pass, automatic loading) (The furnace design is made of partly cast iron.)
- Our boilers are designed for minimum 4.500 kcal/h (flame temperature 1200 C°) fuel. Please contact our company to burn lower calorie fuel..
- Lignite coal, olive pomace, Pine cone, PELET etc. to be used in all areas where hot air is needed. They are high efficiency boilers that can burn granular fuels; Factory, Greenhouse, Hangars, Sports Halls, Chicken Farm as well as Pine Nuts, Figs, Cotton, Timber etc. It is designed to be used for drying products.
- Thanks to its 4-pass design, it distributes the heat obtained equally to all surfaces, providing maximum heat transfer and fuel savings.
- Our boilers do not cause noise pollution with their silent operation.
- Air sent to the primary with the help of a fan; It provides a controlled and clean smokeless combustion.
- Our products, with a capacity range of 100,000 Kcal/h - 2,000,000 Kcal/h, have a high temperature resistant combustion chamber and a cast iron furnace.
- More heating is provided with less fuel.
- By keeping the desired air temperature constant with the thermostat control, fuel savings are maximized.
- Thanks to the Turbo Fan system, secondary combustion is ensured and it provides 20-40% savings in fuel.





MODEL	CAPACITY			Dimensions										FAN FLOW	FUEL TANK CAPACITY		RECOM. MIN. CHIMNEY DIMENSIONS ø	APPROXIMATE WEIGHT
															COAL	OLIVE POMANCE		
BİRİM	KCAL/H	KW	MW	A	A1	B	C	D	E	H	L	L1	L2	M3/H	KG	KG	øMM	KG
TRANSFORM 100A	125.000	116	0,12	900	700	1600	2750	300	250	2250	800	1650	1100	13000	240	210	225	1200
TRANSFORM 150A	250.000	174	0,17	1050	800	1850	2750	350	250	2400	800	1650	1100	19000	240	210	250	1400
TRANSFORM 200A	350.000	232	0,23	1150	800	1950	3000	350	300	2450	1000	1900	1100	19000	240	210	300	1700
TRANSFORM 250A	500.000	290	0,29	1250	950	2200	3350	400	300	2750	1000	2000	1350	23000	240	210	350	2250
TRANSFORM 300A	650.000	348	0,35	1250	1150	2400	3500	400	300	2750	1100	2150	1350	27000	300	260	350	2800
TRANSFORM 400A	750.000	465	0,47	1400	1250	2650	3650	450	350	3000	1200	2300	1350	28000	300	260	450	3400
TRANSFORM 500A	1.000.000	581	0,58	1400	1400	2800	3650	450	350	3350	1200	2300	1350	38000	300	260	450	3900
TRANSFORM 600A	1.250.000	697	0,70	1400	1600	3000	3950	500	400	3450	1500	2700	1450	39000	300	260	500	4600
TRANSFORM 700A*	1.500.000	813	0,81	1500	1600	3100	4100	550	400	3450	1600	2850	1450	39000	400	350	550	5250
TRANSFORM 800A*	1.750.000	930	0,93	1500	1700	3200	4300	550	450	3450	1800	3100	1600	43000	400	350	550	6000
TRANSFORM 1000A*	2.000.000	1162	1,16	1800	1800	3600	4450	600	500	4000	1850	3250	1600	59000	400	350	600	7100

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.