

ATOM SERIES

80.000 KCAL/H-2.500.000 KCAL/H heat capacity

CENTRAL HEATING AGAINST PRESSURE LIQUID/GAS 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.
- With the insulation we have made in our boilers, we minimize heat losses and provide fuel savings.

- Although it is optional in our boilers, antifreeze can be used against the risk of freezing in the installation.
- Get support from engineering companies for central system gas opening works. For the burner pe max: 300 or pe 21 mbar gas line according to the burner gas pressure, please get information from our company for the gas line.
- Do not forget to have a ce and tse certified chimney made for natural gas. Do not forget to get a chimney offer suitable for natural gas from our company.
- These are our boilers that provide ECONOMIC ease of use with their high efficiency design and low fuel consumption.
- With the back pressure combustion system, the flame returns within the same cell, the gases and half-burned fuel particles that encounter the burner flame for the second time are converted into energy by burning again and the fuel is completely burned.



MODEL	CAPACITY			Dimensions							WATER VOLUME	BOILER FLANGES					INSULATION PROPERTIES	APPROXIMATE WEIGHT
												WATER INLET	WATER OUTPUT	SAFETY	DISCHARGE	OPERATING PRESSURE		
BİRİM	KCAL/H	KW	MW	A	B	C	H	K	L	LT	DN	DN	INCH	INCH	BAR	MBAR	MM	KG
ATOM 80	80.000	93	0,09	1450	585	550	775	150	900	230	2"	2"	1	1	3	0,7	100	275
ATOM 100	100.000	116	0,12	1450	640	550	820	200	900	255	2"	2"	1	1	3	0,7	100	350
ATOM 130	130.000	151	0,15	1650	640	550	820	200	950	315	50	50	1 1/4	1	3	1	100	400
ATOM 160	160.000	186	0,19	1750	720	550	875	200	1050	360	65	65	1 1/4	1	3	1,3	100	500
ATOM 200	200.000	233	0,23	1750	810	550	960	250	1050	375	65	65	1 1/4	1	3	1,5	100	600
ATOM 225	225.000	262	0,26	1800	840	550	1000	250	1100	425	65	65	1 1/4	1	3	1,6	100	700
ATOM 250	250.000	291	0,29	1950	850	550	1100	250	1200	475	80	80	1 1/2	1	3	1,8	100	850
ATOM 300	300.000	349	0,35	2200	850	550	1100	300	1450	600	80	80	1 1/2	1	3	1,8	100	950
ATOM 400	400.000	465	0,47	2350	950	550	1160	300	1500	675	80	80	1 1/2	1	3	1,8	100	1050
ATOM 450	450.000	523	0,52	2500	1000	650	1240	350	1575	753	80	80	1 1/2	1	4	1,8	100	1100
ATOM 500	500.000	581	0,58	2600	1000	650	1240	350	1650	815	100	100	2	1	4	1,8	100	1200
ATOM 600	600.000	698	0,70	2650	1100	650	1350	350	1650	890	100	100	2	1	4	2	100	1280
ATOM 700	700.000	814	0,81	2900	1100	650	1350	350	1850	960	100	100	2	1	4	2,3	100	1320
ATOM 800	800.000	930	0,93	3270	1250	700	1500	400	1900	1060	100	100	2	1	4	2,6	100	1430
ATOM 900	900.000	1.047	1,05	3550	1250	700	1500	400	2100	1125	100	100	2	1	4	2,8	100	1650
ATOM 1000	1.000.000	1.163	1,16	3700	1350	700	1650	450	2300	1355	125	125	3	1	5	3	100	1780
ATOM 1250	1.250.000	1.453	1,45	3950	1400	750	1700	500	2500	1550	125	125	3	1	5	3,7	100	2150
ATOM 1500	1.500.000	1.744	1,74	3950	1550	750	1850	550	2500	1940	125	125	3	1	5	3,9	100	2560
ATOM 2000	2.000.000	2.326	2,33	4300	1650	750	1900	550	2800	2200	150	150	4	1	8	4,8	100	3100
ATOM 2500	2.500.000	2.907	2,91	4500	1700	750	2000	600	2950	2945	150	150	4	1	8	5	100	3550

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.