

ATLAS SERIES

80.000 Kcal/h – 6.000.000 Kcal/h heat capacity

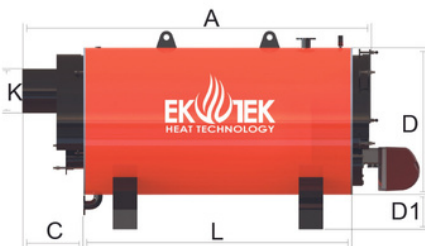
LIQUID/ GAS FUEL SUPERHEATING WATER BOILER



GENERAL INFORMATION AND MATERIAL QUALITY

- Our company is controlled and audited by EKOTEK, Brand registered and ISO 9001:2015 quality management system.
- Ultrasonic, radiographic and penetrating tests are performed by the authorized company for our resources.
- Welding processes are carried out by certified welders in accordance with approved WPS and WPQRs. Welding processes are subjected to radiographic testing at the rates stipulated by the standards.
- The products used in production are all certified materials.
- Our products, TS EN 12953-1-3, TS 377-1-2-3-4-5-6-7-8-10-11-12-14, TS EN 12953-1-2-3-4- It is produced in accordance with 5-6-7-8-10-11-12-14 standards and 2014/68/EU Pressure Vessels directive and has CE certificate.
- Our products are manufactured in accordance with EN288, EN287-1 by using P 265 GH and P 355 GH 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.
- 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.
- It has the flexibility to work in harmony with different combustion systems.
- Minimum fuel consumption and operating costs are ensured thanks to the ease of operation and maintenance and burner combustion control.
- Thanks to the nitrogen balance tank, it prevents the evaporation of boiler and installation water.
- Small size and high performance.
- It has a construction and manufacturing suitable for working at high pressure.
- It is designed to disperse thermal stresses at high pressure.
- It can be manufactured in capacities to meet high energy needs.
- It can be applied in systems where hot oil and steam cannot be used.
- Computer aided production in accordance with design standards, CE pressure vessels directive, TRD, EN, TSE standards.
- It provides ease of use with a working pressure between 2 Bar and 16 Bar and up to 200°C.



MODEL	CAPACITY		Dimensions								WATER VOLUME	BOILER FLANGES				OPERATING PRESSURE	COUNTER-PRESSURE	INSULATION PROPERTIES	APPROXIMATE WEIGHT
												WATER INLET	WATER OUTPUT	SAFETY	DISCHARGE				
BİRİM	KCAL/H	KW	A	B	C	D	H	K	L	LT	DN	DN	DN	DN	BAR	BAR	MM	KG	
ATLAS 100	100.000	116	1450	600	550	700	1100	150	1070	260	50	50	25	25	3	0,9	100	765	
ATLAS 130	130.000	151	1590	700	550	800	1150	170	1200	275	50	50	32	25	3	1	100	860	
ATLAS 150	150.000	174	1700	700	550	800	1150	170	1300	320	65	65	32	25	3	1,5	100	900	
ATLAS 160	160.000	186	1800	750	550	850	1250	200	1300	380	65	65	32	25	3	1,5	100	1200	
ATLAS 200	200.000	233	1900	750	550	850	1250	200	1420	420	65	65	32	25	3	2	100	1290	
ATLAS 250	250.000	291	1900	820	550	920	1370	200	1420	515	80	80	40	25	3	2,5	100	1450	
ATLAS 300	300.000	348	2120	1000	600	1100	1500	250	1550	675	80	80	40	25	3	3	100	1760	
ATLAS 350	350.000	407	2400	1000	600	1100	1500	250	1800	720	80	80	40	25	3	3,5	100	1980	
ATLAS 400	400.000	465	2600	1000	600	1100	1550	250	1900	970	80	80	40	25	3	4	100	2370	
ATLAS 450	450.000	523	2600	1100	700	1200	1650	250	1900	1050	100	100	50	25	4	4,3	100	2670	
ATLAS 500	500.000	581	2750	1300	700	1400	1800	300	1950	1230	100	100	50	25	4	4,7	100	3190	
ATLAS 600	600.000	697	2800	1300	700	1400	1800	300	2050	1320	100	100	50	25	4	5	100	3750	
ATLAS 700	700.000	814	2950	1300	700	1400	1850	350	2200	1585	100	100	50	25	4	5	100	4050	
ATLAS 800	800.000	930	3100	1420	700	1520	2000	350	2250	2105	100	100	50	25	4	5	100	4300	
ATLAS 900	900.000	1046	3250	1550	700	1650	2150	400	2400	2350	125	125	65	32	5	5,4	100	4700	
ATLAS 1000	1.000.000	1162	3550	1550	700	1650	2150	450	2700	3100	125	125	65	32	5	6	100	4950	
ATLAS 1250	1.250.000	1453	3550	1600	750	1700	2200	500	2700	3290	125	125	65	32	5	6	100	5100	
ATLAS 1500	1.500.000	1744	3750	1620	750	1720	2250	550	2900	3450	150	150	80	32	5	6,5	100	5300	
ATLAS 1750	1.750.000	2035	3750	1750	750	1850	1380	550	2900	4750	150	150	80	32	5	6,5	100	5750	
ATLAS 2000	2.000.000	2325	4000	1800	750	1900	2450	600	3150	6120	150	150	80	40	6	6,5	100	6070	
ATLAS 2500	2.500.000	2907	4150	1850	800	1950	2500	650	3250	7040	150	150	80	40	6	7	100	7400	
ATLAS 3000	3.000.000	3488	4550	1950	800	2050	2610	700	3650	8450	200	200	80	40	6	7	100	8350	
ATLAS 3500	3.500.000	4070	4950	2050	800	2150	2750	750	4000	10200	200	200	80	40	6	7,5	100	9100	
ATLAS 4000	4.000.000	4651	4950	2150	1000	2260	2900	800	4000	11850	200	200	80	40	6	8	100	10900	
ATLAS 4500	4.500.000	5233	5750	2250	1000	2350	3000	850	4500	13500	200	200	80	40	6	8	100	12650	
ATLAS 5000	5.000.000	5815	5750	2350	1000	2500	3100	900	4500	14250	200	200	80	40	6	8	100	14750	
ATLAS 6000	6.000.000	6977	5750	2400	1000	2500	3200	1000	4500	15600	200	200	80	40	6	9	100	16250	
ATLAS 7000	7.000.000	8140	6150	2550	1000	2650	3350	1100	4900	18500	200	200	80	40	6	9	100	18700	
ATLAS 8000	8.000.000	9302	7000	2900	1250	3000	3700	1200	5750	19400	250	250	100	40	6	9	100	20350	
ATLAS 9000	9.000.000	10465	7650	2950	1250	3050	3750	1300	6250	20750	250	250	100	60	6	9	100	21900	
ATLAS 10000	10.000.000	11628	8200	3100	1250	3000	3650	1400	6750	21900	300	300	100	60	6	9,5	100	24350	
ATLAS 17000	17.000.000	19767	8200	3350	1250	3300	3950	1500	6800	25750	300	300	100	60	6	9,5	100	27750	
ATLAS 19000	19.000.000	22093	8250	3750	1300	3700	4350	1600	6650	31000	350	350	120	80	6	9,5	100	29500	
ATLAS 20000	20.000.000	23256	8300	3800	1300	3750	4400	1650	6950	33350	350	350	120	80	6	9,5	100	36000	

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.