

ALBATROS SERIES

100,000 Kcal/h – 10.000.000 Kcal/h heat capacity

HIGH
CAPACITY
HIGH
EFFICIENCY



- Operates at high temperature and low pressure.
- The heat conduction oil used in the system does not cause calcification, calcification, residue, corrosive effect, etc. in the boiler. It can be used for a long time as it does not cause negative effects.
- There is no need to use any conditioning unit in heat conduction oil.
- Under normal conditions, freezing does not occur in the installation.
- The Hot Oil Boiler can also be used as a heating fluid in the production of Steam, Hot Water, Boiling Water.
- Hot oil outlet temperature is controlled by PID controller.
- Hot oil return temperature is controlled by digital thermostats.
- It has an ergonomic design that can be used in horizontal areas or vertical application areas to the system.
- Ekotek heating technologies Albatros series, which is one of its original designs, is a marine type thermal oil heater in areas where heat power is needed.
- Ekotek Heating Technologies recommends all the accessories and burner systems used in Package System Hot Oil Boilers (Thermal Oil Heaters) and burner systems of known brands. When choosing the burner, do not forget to connect a pe max: 300 Mbar gas line or a Pe Max 21 Mbar Regulator to the burner according to the Main Gas pressure. Please confirm the information from your natural gas supplier company.
- 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) completely under your control

% 100 SAFE , USER-FRIENDLY



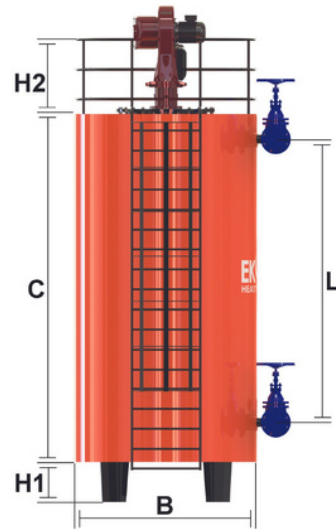
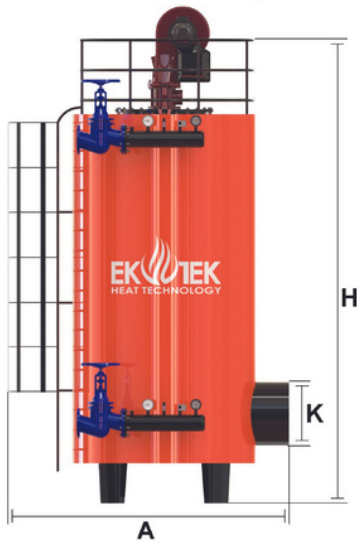
Min 116 kW - Max 11628 kW



LIQUID/GAS FUEL HOT OIL BOILERS- THERMAL OIL HEATER



- Reliable thanks to its low working pressure.
- Operation and maintenance costs are low.
- Thermal conductivity coefficients of hot oils are higher than other heating fluids. Thanks to its high thermal conductivity coefficients, higher heat transfer is achieved with less fuel energy.
- It saves fuel thanks to its modern design.
- Necessary security measures were taken by integrating the necessary control and automation equipment into the system.
- Production starts under computer aided design control before each production.



MODEL	CAPACITY			Dimensions								OIL VOLUME LT	BOILER FLANGES			INSULATION PROPERTIES MM	RECOM. MIN. CHIMNEY DIMENSIONS ø		APPROXIMATE WEIGHT KG
	KCAL/H	KW	MW	A	B	C	H	H1	H2	K	L		OIL OUTPUT DN	OIL INLET DN	EXPANSION DN		LIQUID FUEL øMM	GAS FUEL øMM	
ALBATROS 100	100.000	116	0,12	2090	1090	990	1990	400	600	180	800	32	40	40	25	100	180	180	375
ALBATROS 150	150.000	174	0,17	2090	1090	1200	2200	400	600	200	1000	40	40	40	25	100	225	200	430
ALBATROS 200	200.000	233	0,23	2130	1130	1440	2440	400	600	225	1150	65	50	50	25	100	250	225	495
ALBATROS 250	250.000	291	0,29	2160	1160	1600	2600	400	600	250	1240	85	50	50	25	100	300	250	590
ALBATROS 300	300.000	349	0,35	2160	1160	1800	2800	400	600	300	1400	97	65	65	25	100	300	300	885
ALBATROS 350	350.000	407	0,41	2250	1250	1900	2900	400	600	300	1450	125	65	65	25	100	350	300	1230
ALBATROS 400	400.000	465	0,47	2250	1250	2100	3100	400	600	350	1720	160	65	65	25	100	350	350	1850
ALBATROS 500	500.000	581	0,58	2590	1590	2100	3100	400	600	350	1720	185	80	80	25	100	400	350	2100
ALBATROS 550	550.000	640	0,64	2625	1625	2200	3200	400	600	400	1750	267	80	80	25	100	400	400	2270
ALBATROS 600	600.000	698	0,70	2700	1700	2350	3350	400	600	400	2000	292	80	80	25	100	400	400	2450
ALBATROS 700	700.000	814	0,81	2700	1700	2600	3600	400	600	450	2250	330	80	80	25	100	450	450	2790
ALBATROS 800	800.000	930	0,93	2700	1700	2850	3850	400	600	450	2500	375	100	100	25	100	450	450	3200
ALBATROS 1000	1.000.000	1163	1,16	2890	1890	2850	3850	400	600	500	2500	527	100	100	25	100	500	500	3460
ALBATROS 1250	1.250.000	1453	1,45	3200	2100	3180	4180	400	600	550	2850	725	125	125	25	100	550	550	3950
ALBATROS 1500	1.500.000	1744	1,74	3350	2250	3500	4500	400	600	550	3150	1060	125	125	25	100	600	550	4100
ALBATROS 2000	2.000.000	2326	2,33	3510	2410	4150	5150	400	600	650	3700	1360	150	150	25	100	700	650	4450
ALBATROS 2500	2.500.000	2907	2,91	3600	2500	4600	5600	400	600	700	4100	1520	150	150	25	100	750	700	5100
ALBATROS 3000	3.000.000	3488	3,49	3830	2730	5310	6310	400	600	750	4850	1770	200	200	25	100	800	750	5750
ALBATROS 3500	3.500.000	4070	4,07	3950	2850	5600	6600	400	600	850	5000	1890	200	200	25	100	850	800	6000
ALBATROS 4000	4.000.000	4651	4,65	4100	3000	5815	6815	400	600	850	5350	2050	200	200	25	100	1000	850	6250
ALBATROS 5000	5.000.000	5814	5,81	4250	3150	6675	7675	400	600	1000	6200	2350	200	200	25	100	1100	1000	6810
ALBATROS 6000	6.000.000	6977	6,98	4400	3300	7150	8150	400	600	1100	6700	2650	200	200	25	100	1200	1100	7370
ALBATROS 7000	7.000.000	8140	8,14	4500	3400	7300	8300	400	600	1100	6850	2960	250	250	25	100	1200	1100	8150
ALBATROS 8000	8.000.000	9302	9,30	4700	3600	7350	8350	400	600	1200	6900	3150	250	250	25	100	1300	1200	9050
ALBATROS 9000	9.000.000	10465	10,47	4900	3800	7500	8500	400	600	1200	7050	3450	250	250	25	100	1300	1200	10200
ALBATROS 10000	10.000.000	11628	11,63	4900	3800	7750	8750	400	600	1200	7200	3800	300	300	25	100	1300	1200	12700

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.

THE SYSTEM WORKS AS MUCH AS PRESSURE LOSSES, SO THE DATA IN THE TABLE VARY DEPENDING ON PRODUCTION AND INSTALLATION.