

DRAGON SERIES

80.000 Kcal/h- 10.000.000 Kcal/h heat capacity

HIGH
CAPACITY
HIGH
EFFICIENCY



- It works at high temperature and low pressure.
- Package system and assembly can be done in our hot oil boilers. Please contact our company.
- The heat transfer oil used in the system will not cause calcification, calcification, 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.
- Ekotek Heating Technologies recommends all the accessories and systems that are known for their safety in the package system hot boilers.
- Ekotek Heating Technologies 5 types of safety systems are used in all hot oil boilers. All safety systems, including oil temperature, mechanical pressure, digital pressure, combustion safety, chimney temperature controls, as well as boiler oil circulation, are used in double standard packages.
- 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
- Ekotek heat technologies designs different combustion systems specially for you. WE HAVE STOCKER - SPIRAL HELIX , ROTARY GRATE AND PISTON MOVING GRATE MANUFACTURING.
- Our boilers are designed for minimum 4.500 kcal/h (flame temperature 1200 C°) fuel. Please contact our company to burn lower calorie fuel.

% 100 SAFE , USER-FRIENDLY

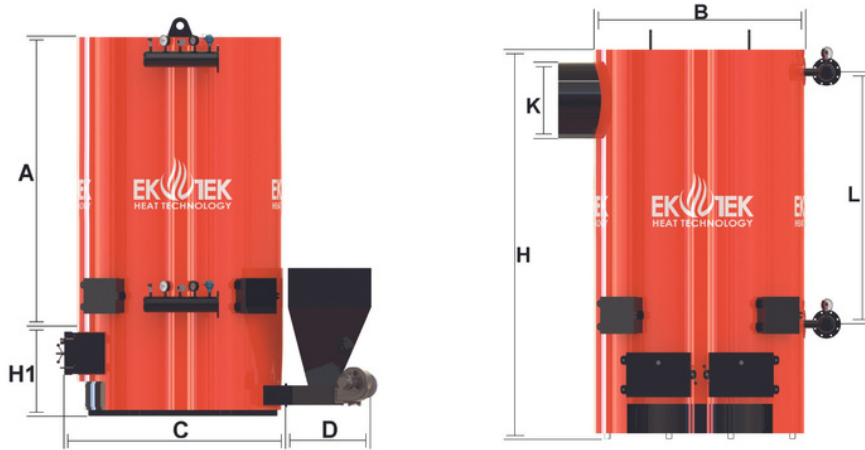


Min 93 kW - Max 11628 kW

SOLID FUEL 3 PASS HOT OIL BOILERS- THERMAL OIL HEATER



- Thanks to the thermal oil used instead of water in the installation, it does not leave any residue and has no corrosive effect.
- Operation and maintenance costs are low.
- Its thermal conductivity coefficients are higher than other fluids.
- Due to the high thermal conductivity coefficients, higher heat transfer is achieved with less fuel energy.
- Necessary safety measures have been taken by integrating the necessary control and automation equipment in the system.
- It saves fuel thanks to its modern design.
- Before each production, production starts under the control of computer-aided design.
- For systems that burn pellets, powder fuel, wood chips, etc. for different fuel types, please contact us!



MODEL	CAPACITY			Dimensions								OIL VOLUME	BOILER FLANGES			FUEL TANK CAPACITY		INSULATION PROPERTIES	RECOM. MIN. CHIMNEY DIMENSIONS Ø	APPROXIMATE WEIGHT
													OIL OUTPUT	OIL INLET	EXPANSION	COAL	OLIVE POMEANACE			
BİRİM	KCAL/H	KW	MW	A	B	C	D	H	H1	K	L	LT	DN	DN	DN	KG	KG	MM	ØMM	KG
DRAGON 80A	80.000	93	0,09	1000	850	1050	750	1750	650	200	800	68	40	40	25	150	125	100	200	500
DRAGON 100A	100.000	116	0,12	1060	920	1120	750	1750	650	225	860	75	40	40	25	150	125	100	225	590
DRAGON 150A	150.000	174	0,17	1110	1000	1200	750	1750	650	250	910	100	40	40	25	150	125	100	250	885
DRAGON 200A	200.000	233	0,23	1385	1050	1250	900	2050	650	300	1185	140	50	50	25	200	175	100	300	1230
DRAGON 250A	250.000	291	0,29	1460	1300	1500	900	2175	700	350	1260	350	50	50	25	200	175	100	350	1850
DRAGON 300A	300.000	349	0,35	1790	1500	1700	900	2500	700	350	1590	430	65	65	25	200	175	100	350	2100
DRAGON 350A	350.000	407	0,41	1910	1500	1700	900	2640	750	400	1610	580	65	65	25	200	175	100	400	2450
DRAGON 400A	400.000	465	0,47	2210	1500	1700	900	2940	750	450	1910	630	65	65	25	200	175	100	450	2790
DRAGON 500A	500.000	581	0,58	2210	2050	2250	900	2940	750	450	1910	675	80	80	25	200	175	100	450	3200
DRAGON 600A	600.000	698	0,70	2250	2150	2350	900	3050	800	500	1950	750	80	80	25	200	175	100	500	3460
DRAGON 700A**	700.000	814	0,81	2600	2150	2350	900	3400	800	550	2300	875	80	80	25	400	350	100	550	3950
DRAGON 800A**	800.000	930	0,93	2800	2300	2400	900	3600	800	550	2500	950	100	100	25	400	350	100	550	4100
DRAGON 1000A**	1.000.000	1163	1,16	3050	2390	2590	900	3870	850	600	2750	1250	100	100	25	400	350	100	600	4450
DRAGON 1250A**	1.250.000	1453	1,45	3650	2390	2590	900	4350	850	650	3350	1650	125	125	25	400	350	100	650	5100
DRAGON 1500A**	1.500.000	1744	1,74	3850	2550	3090	900	4530	850	700	3550	2000	125	125	25	400	350	100	700	5750
DRAGON 2000A**	2.000.000	2326	2,33	4250	3000	3200	900	4950	850	800	3950	2200	150	150	25	600	525	100	800	6250
DRAGON 2500A**	2.500.000	2907	2,91	4415	3400	3600	900	5000	850	900	4015	2750	150	150	25	600	525	100	900	6810
DRAGON 3000A***	3.000.000	3488	3,49	4650	3600	3800	900	5350	850	1000	4300	2900	200	200	25	600	525	100	1000	7370
DRAGON 4000A***	4.000.000	4651	4,65	4915	3600	3800	900	6315	1400	1100	4600	3250	200	200	25	800	700	100	1100	8400
DRAGON 5000A***	5.000.000	5814	5,81	5750	3700	3950	900	7350	1600	1200	5350	4658	200	200	25	800	700	100	1200	9350
DRAGON 6000A***	6.000.000	6977	6,98	6100	3700	3950	900	7850	1750	1300	5700	5685	200	200	25	800	700	150	1300	11200
DRAGON 8000A***	8.000.000	9302	9,30	7050	3800	4050	1000	8900	1850	1600	6600	6750	250	250	25	800	700	150	1600	13800
DRAGON 10000A***	10.000.000	11628	11,63	7700	3900	4150	1000	9700	2000	1800	7200	7350	300	300	25	800	700	150	1800	16000

** IT CAN MANUFACTURED AS ROTATING GRATE OR MOVING PISTON GRATE
 **DIMENSIONS MAY VARY DEPENDING ON THE PROJECT ON OUR ROTATING GRATE AND MOVING GRATE MODELS.
 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.
 STOKER SECTION MAY VARY DEPENDING ON THE CAPACITY OF THE PRODUCT IN SOLID FUEL PRODUCTS.
 THE SYSTEM WORKS AS MUCH AS PRESSURE LOSSES, SO THE DATA IN THE TABLE VARY DEPENDING ON PRODUCTION AND INSTALLATION.