

STORM SERIES

STEAM BOILERS

LIQUID / GAS FIRED 3 PASS SCOTCH TYPE



HIGH CAPACITY
HIGH
EFFICIENCY



Steam Production Capacity
500 Kg/h - 28.000 Kg/h



Operating Pressure
6-16 Bar



Thermal Capacity
349 kW - 19.538 kW



Design Type
Fire-Tube, Scotch Type, 3 Pass,
Wet-Back



Fuel Type
LNG, Propane, CNG, Natural Gas, LPG,
Biogas, Gas Oil, Diesel, Fuel Oil, Dual Fuel

Capacity Table

Model	Steam Capacity (kg/h)	Thermal Capacity (kcal/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
Storm 500	500	300.000	349	0,35
Storm 700	700	420.000	488	0,49
Storm 1000	1.000	600.000	698	0,70
Storm 1250	1.250	750.000	872	0,87
Storm 1500	1.500	900.000	1.047	1,05
Storm 2000	2.000	1.200.000	1.396	1,40
Storm 2500	2.500	1.500.000	1.745	1,74
Storm 3000	3.000	1.800.000	2.093	2,09
Storm 3500	3.500	2.100.000	2.442	2,44
Storm 4000	4.000	2.400.000	2.791	2,79
Storm 5000	5.000	3.000.000	3.489	3,49
Storm 6000	6.000	3.600.000	4.187	4,19
Storm 7000	7.000	4.200.000	4.885	4,89
Storm 8000	8.000	4.800.000	5.582	5,58
Storm 9000	9.000	5.400.000	6.280	6,28
Storm 10000	10.000	6.000.000	6.978	6,98
Storm 12000	12.000	7.200.000	8.374	8,37
Storm 14000	14.000	8.400.000	9.769	9,77
Storm 16000	16.000	9.600.000	11.165	11,17
Storm 18000	18.000	10.800.000	12.560	12,56
Storm 20000	20.000	12.000.000	13.956	13,96
Storm 23000	23.000	13.800.000	16.049	16,05
Storm 25000	25.000	15.000.000	17.445	17,45
Storm 28000	28.000	16.800.000	19.538	19,54

Ekotek reserves the right to modify product specifications, dimensions, and visual representations due to ongoing production processes. Visuals are representative only; actual product color, dimensions, and accessories may differ.

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STORM -H SERIES

STEAM BOILERS

LIQUID / GAS FIRED
3 PASS
SCOTCH TYPE
HYGENIC



HYGENIC STEAM
RELIABLE
PRODUCTION



Steam Production Capacity
500 Kg/h - 50.000 Kg/h



Operating Pressure
6-16 Bar



Thermal Capacity
349 kW - 34.900 kW



Design Type
Fire-Tube, Scotch Type, 3 Pass,
Wet-Back



Fuel Type
LNG, Propane, CNG, Natural Gas, LPG,
Biogas, Gas Oil, Diesel, Fuel Oil, Dual Fuel



Material Type
AISI 304 Stainless Steel or
AISI 316 Stainless Steel

Model	Steam Capacity (kg/h)	Thermal Capacity (kcal/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
Storm H 500	500	300.000	349	0,35
Storm H 700	700	420.000	488	0,49
Storm H 1000	1.000	600.000	698	0,70
Storm H 1250	1.250	750.000	872	0,87
Storm H 1500	1.500	900.000	1.047	1,05
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Storm H 23000	23.000	13.800.000	16.049	16,05
Storm H 25000	25.000	15.000.000	17.445	17,45
Storm H 28000	28.000	16.800.000	19.538	19,54
Storm HX 32000	32.000	19.200.000	22.326	22,33
Storm HX 35000	35.000	21.000.000	24.326	24,33
Storm HX 37000	37.000	22.200.000	25.721	25,72
Storm HX 40000	40.000	24.000.000	27.907	27,91
Storm HX 45000	45.000	27.000.000	31.400	31,40
Storm HX 50000	50.000	30.000.000	34.900	34,90

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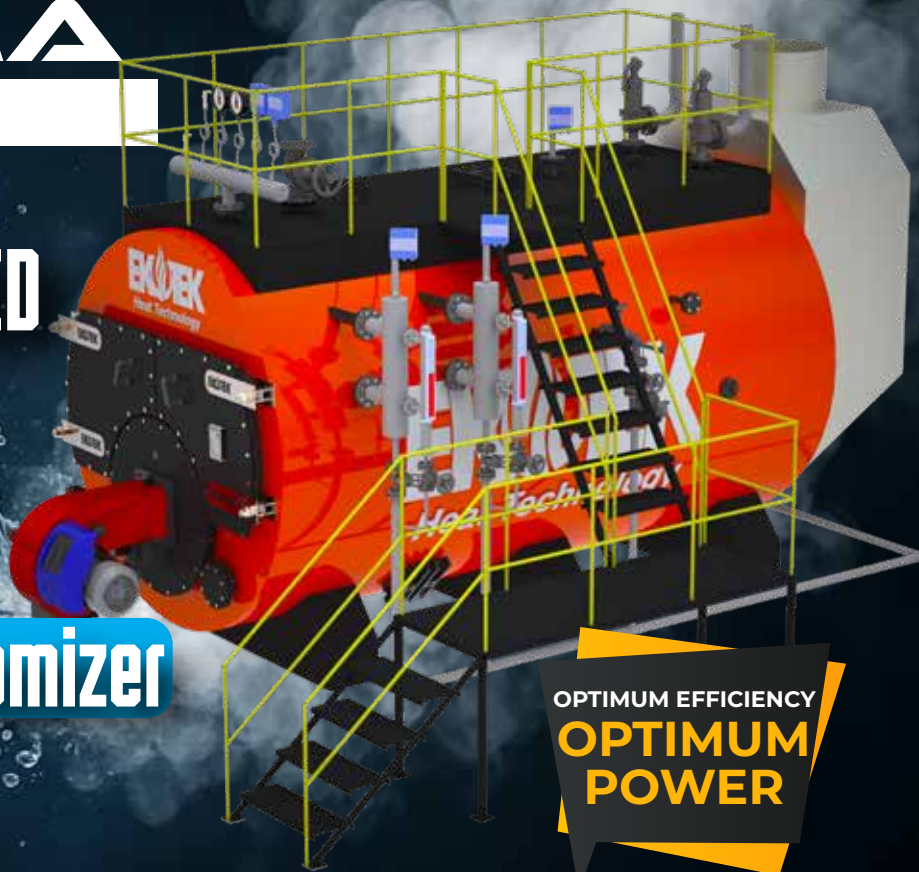
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STORM OPTIMA

STEAM BOILERS

LIQUID / GAS FIRED
3 PASS
SCOTCH TYPE
Integrated Economizer



OPTIMUM EFFICIENCY
**OPTIMUM
POWER**



Steam Production Capacity
500 Kg/h - 50.000 Kg/h



Operating Pressure
6-16 Bar



Thermal Capacity
349 kW - 34.900 kW



Design Type
Fire-Tube, Scotch Type, 3 Pass,
Wet-Back



Fuel Type
LNG, Propane, CNG, Natural Gas, LPG,
Biogas, Gas Oil, Diesel, Fuel Oil, Dual Fuel

Model	Steam Capacity (kg/h)	Thermal Capacity (kcal/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
Storm O 500	500	300.000	349	0,35
Storm O 700	700	420.000	488	0,49
Storm O 1000	1.000	600.000	698	0,70
Storm O 1250	1.250	750.000	872	0,87
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Storm O 2000	2.000	1.200.000	1.396	1,40
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Storm O 23000	23.000	13.800.000	16.049	16,05
Storm O 25000	25.000	15.000.000	17.445	17,45
Storm O 28000	28.000	16.800.000	19.538	19,54
Storm O-X 32000	32.000	19.200.000	22.326	22,33
Storm O-X 35000	35.000	21.000.000	24.326	24,33
Storm O-X 37000	37.000	22.200.000	25.721	25,72
Storm O-X 40000	40.000	24.000.000	27.907	27,91
Storm O-X 45000	45.000	27.000.000	31.400	31,40
Storm O-X 50000	50.000	30.000.000	34.900	34,90

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Storm Series - Liquid Gas Fuel High Pressure Steam Boiler

<https://www.ekotekkazan.com/product/storm-series-liquid-gas-fuel-high-pressure-steam-boiler>

About the Product

Storm Series liquid-gas fired steam boiler provides high performance under intense and continuous working conditions, as well as during sudden steam demands, thanks to its large water and steam volume.

The Storm Series steam boiler produced by Ekotek Heating Technologies ensures the most efficient combustion of fuel in liquid or gas form in all areas where steam power is used. The Storm Series steam boilers, with their Scotch-type or cylindrical 3-pass design, offer proven superior performance and steam production.

With Ekotek Heating Technology digital transformation, you can monitor real-time temperature and program from a single screen using the PLC control system.

Detailed Description

The liquid-gas fired steam boiler is produced with corrugated firebox and combustion chamber according to pressure values. This enhances the boiler's strength and resistance to thermal stresses. Heat loss is prevented with strong insulation using glass wool or rock wool.

Ekotek Heating Technology uses 5 types of safety systems in its steam boilers:

- Steam temperature
- Mechanical pressure
- Digital pressure
- Safety valve
- Flue temperature controls

Additionally, all safety systems, including boiler feed pumps, are provided in pairs as a standard package. A PLC control system can be added upon request. If you want to have full control, be sure to check out our optional features!

Control your power with Ekotek technology. With optional features, you can have full control using a PLC touch screen, Modbus RTU (Remote Terminal Unit).

Scotch-type 3-pass boilers have been recognized worldwide for their superior design, earning the title of the most durable and efficient boilers.

Our boilers operate quietly, preventing noise pollution. Their elegant appearance blends seamlessly with their surroundings. They are easy to install and maintain.

If requested, our steam boilers can be delivered as a package with all accessories included.