

SHIELD SERIES

STEAM GENERATORS

LIQUID / GAS FIRED 3 PASS STEAM GENERATOR



CLEAN ENERGY
**ZERO
EMISSION**



Steam Production Capacity
400 kg/h - 16.000 kg/h



Operating Pressure
3-16 Bar



Thermal Capacity
291 kW - 11.628 kW



Design Type
Fire-Tube, 3 Pass,
Steam Generator



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

Capacity Table

Model	Steam Capacity (kg/h)	Thermal Capacity (kcal/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
Shield Series 10	400	250.000	291	0,29
Shield Series 15	600	375.000	436	0,44
Shield Series 20	800	500.000	581	0,58
Shield Series 25	1.000	625.000	727	0,73
Shield Series 30	1.200	750.000	872	0,87
Shield Series 35	1.400	875.000	1.017	1,02
Shield Series 40	1.600	1.000.000	1.163	1,16
Shield Series 50	2.000	1.250.000	1.453	1,45
Shield Series 60	2.400	1.500.000	1.744	1,74
Shield Series 70	2.800	1.750.000	2.035	2,03
Shield Series 80	3.200	2.000.000	2.326	2,33
Shield Series 90	3.600	2.250.000	2.616	2,62
Shield Series 100	4.000	2.500.000	2.907	2,91
Shield Series 125	5.000	3.125.000	3.634	3,63
Shield Series 150	6.000	3.750.000	4.360	4,36
Shield Series 175	7.000	4.375.000	5.087	5,09
Shield Series 200	8.000	5.000.000	5.814	5,81
Shield Series 250	10.000	6.250.000	7.267	7,27
Shield Series 300	12.000	7.500.000	8.721	8,72
Shield Series 350	14.000	8.750.000	10.174	10,17
Shield Series 400	16.000	10.000.000	11.628	11,63

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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Shield Series - Fire Tube, 3-Pass Steam Generator

<https://www.ekotekkazan.com/product/shield-series-steam-generator>

About the Product

Shield Series fire tube, 3-pass steam generator offers comfortable and high-efficiency combustion performance with low back pressure values.

Description

With its 3-pass design, the flame and smoke come into contact with the entire combustion surface, ensuring the most efficient use of the combustion surface. Strong insulation with glass wool, rock wool, and ceramics prevents heat loss.

Ekotek Heating Technology recommends only well-known brands for all accessories and burner systems used in its package steam boilers.

Detailed Description

Ekotek Heating Technology uses five types of safety systems in all its steam boilers. Steam temperature, mechanical pressure, digital pressure, safety valve, flue gas temperature controls, and all safety systems, including feedwater pumps, are used in standard packages in pairs.

If requested, a PLC control system can be added.

If you want to have full control, be sure to check out our optional features. Control your power with Ekotek technology. With optional features, the PLC Touch Screen controlled Modbus RTU (Remote Terminal Unit RTU) is entirely under your control.

- No risk of explosion.
- Our boilers operate quietly, preventing noise pollution.
- With its elegant appearance, it stands out in its environment.
- Easy to install.
- Easy to maintain.
- If requested, our steam boiler can be delivered as a package with all accessories.
- Every stage of our production is carried out under the assurance of our quality control teams.