

STRONG SERIES

STREAM BOILERS

LIQUID / GAS FIRED
D TYPE
WATER TUBE
HIGH PRESSURE



HIGH PRESSURE
SUPERIOR
POWER



Steam Production Capacity
2.000 kg/h - 150.000 kg/h



Operating Pressure
6-60 Bar



Thermal Capacity
1.395 kW - 55.800 kW



Design Type
D Type Water Tube



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)
Strong 2	2.000	1.200.000	1.395	1,40
Strong 2.5	2.500	1.500.000	1.744	1,74
Strong 3	3.000	1.800.000	2.093	2,09
Strong 3.5	3.500	2.100.000	2.442	2,44
Strong 4	4.000	2.400.000	2.791	2,79
Strong 5	5.000	3.000.000	3.488	3,49
Strong 6	6.000	3.600.000	4.186	4,19
Strong 7	7.000	4.200.000	4.884	4,88
Strong 8	8.000	4.800.000	5.581	5,58
Strong 9	9.000	5.400.000	6.279	6,28
Strong 10	10.000	6.000.000	6.977	6,98
Strong 12	12.000	7.200.000	8.372	8,37
Strong 14	14.000	8.400.000	9.767	9,77
Strong 16	16.000	9.600.000	11.163	11,16
Strong 18	18.000	10.800.000	12.558	12,56
Strong 20	20.000	12.000.000	13.953	13,95
Strong 23	23.000	13.800.000	16.047	16,05
Strong 25	25.000	15.000.000	17.442	17,44
Strong 28	28.000	16.800.000	19.535	19,53
Strong 32	32.000	19.200.000	22.326	22,33
Strong 35	35.000	21.000.000	24.419	24,42
Strong 37	37.000	22.200.000	25.814	25,81
Strong 40	40.000	24.000.000	27.907	27,91
Strong 45	45.000	27.000.000	31.400	31,40
Strong 50	50.000	30.000.000	34.900	34,90
Strong 60	60.000	36.000.000	41.860	41,86
Strong 80	80.000	48.000.000	55.800	55,80
Strong 100	100.000	60.000.000	69.750	69,75
Strong 120	120.000	72.000.000	83.700	83,70
Strong 150	150.000	90.000.000	104.650	104,65

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Strong Series - Liquid Gas Fired Steam Boiler

<https://www.ekotekkazan.com/product/strong-series-liquid-gas-fired-steam-boiler>

About the Product

Strong Series, based on the combustion chamber design, is a D-type steam boiler. It is a type of boiler preferred when high steam capacity and high pressure are required, generally used after 16 bar pressure.

Description

At Ekotek Heat Technology, we named this water-tube steam boiler the “Strong” series because it can operate under the toughest conditions with high capacity and pressure. When used under challenging conditions without compromising water quality, it will continue to work for many years.

Due to its robust design, the D-Type Strong Series boiler is used in petrochemical industries, refineries, energy-electric power plants, in some parts of turbine operations, and in sensitive food production.

Known for its efficiency and compact design, D-Type boilers are widely used in power plants, industrial processes, and maritime applications. Its large heat transfer surface area and fast start-up time enhance operational efficiency, while its compact form factor makes it ideal for installation in confined spaces. Regular maintenance and inspections are crucial to ensure the boiler operates safely and efficiently in various demanding environments.

Detailed Description

Ekotek Heat Technology Strong Series liquid gas-fired steam boiler utilizes 5 types of safety systems:

- 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 if requested. If you want to have control, you should definitely see our optional features.

Control your power with Ekotek technology. With optional features; PLC Touch screen control, Modbus RTU (Remote Terminal Unit RTU) fully under your control.

There is no risk of explosion. Our boilers operate quietly, causing no noise pollution. Its elegant appearance makes it stand out in the environment where it is installed. It is easy to install and maintain. If requested, our steam boilers can be delivered as a package with all accessories included.