

KVVD-0.63 GN COMBINED WATER HEATER



Areas of Application

The KVVD-0.63 GN boiler with forced circulation of heat carrier is operated on natural gas or light liquid fuel and is designed to warm water up to 95 °C with a pressure up to 0.6 MPa for heating and hot water supply systems and for process needs

Specification

Nominal heating capacity, MW	0.63
Adjustment range, %	40 – 100
Efficiency, %	≥92
Nominal fuel consumption (natural gas with NCV = 35 600 kJ/m ³), m ³ /hour	70 ± 5%
Content of nitrogen oxides (in NO ₂ equivalent) in dry combustion products (adjusted to α = 1), mg/m ³	≤200
Overall dimensions	
length with burner, mm	3260
length without burner, mm	2400
width, mm	900
height, mm	1600
Boiler mass, kg	≤1700

Advantages

This boiler can replace obsolete boilers
Minsk-1, NIISTU-5, Universal, Energy, etc.

IPR Protection

IPR3

Stage of Development.

Suggestions for Commercialization

IRL7, TRL8

Manufactured, supplied, and serviced, upon request

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