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Product innovation

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Steam boiler CSB

Universal steam boiler CSB

Ultra-compact steam boiler producing up to 5,200 kg/h of steam, built to EN 12953 standard. The CSB excels with its high efficiency rating of up to 95.3% and enables the future-proof low emissions according to the MCP Directive (EU) 2015/2193.

Technical data type CSB		
Heat transfer medium	Low-pressure saturated steam	High-pressure saturated steam
Design	Shell boiler	
Output in kg/h	300 to 5,200	
Safety pressure in bar	Up to 0.5	Up to 16
Max. temperature in °C	Up to 110	Up to 204
Fuel	Oil, gas, multi-fuel firing	

- ▶ Available in six output sizes, from 300 to 5,200 kg/h for pressures ranging between 0.5 and 16 bar
- ▶ High efficiency of up to 95.3% with integrated economiser (optional)
- ▶ Compliant with even strict emission levels when used in combination with our burners and controls
- ▶ Versatile design for use with different fuel types and as a multi-fuel firing unit (oil, gas, biogas)
- ▶ Easy to operate with compact control CSC, automation system connection via boiler control BCO possible
- ▶ Telescopic reversing chamber makes cleaning, maintenance and inspection simple

Benefits of the Universal CSB at a glance:

Intuitive operation concept

- ▶ Compact control CSC with touchscreen mounted on the boiler
- ▶ Fully wired and individually programmed for quick commissioning
- ▶ Alternatively available with boiler control BCO: Remote access, connection to automation system and efficiency assistant MEC Optimize

Boiler efficiency up to 95.3%

- ▶ Integrated economiser for flue gas heat recovery
- ▶ Innovative insulation design with Bosch composite insulating materials
- ▶ Reduced power consumption thanks to low resistance on the flue gas side



Easy cleaning and maintenance

- ▶ Thanks to telescopic reversing chamber
- ▶ No inserts in the heat exchanger tubes

Fit for the future with low emissions

- ▶ With low-NOx burner and compatibly designed combustion chamber
- ▶ Allows for complying to higher emission standards according to MCP Directive (EU) 2015/2193
- ▶ Universal, can be used with e.g. natural gas, biogas, fuel oil or multi-fuel firing

Large heating surface in compact design

- ▶ Innovative helical heat exchanger tubes
- ▶ Compact design optimised for ease of transport and simple installation

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* EUR 0.14/min from German landline; maximum mobile phone price: 0.42 Euro/min
** max. EUR 0.10/min from Austrian landline

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