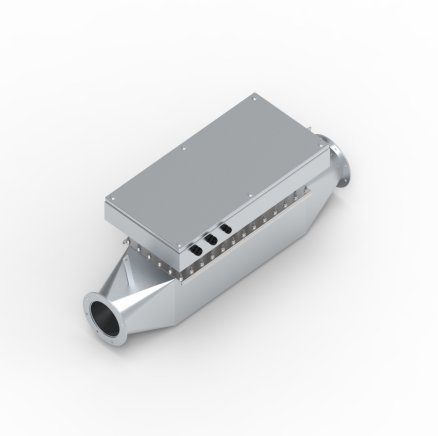
CSN® air heater type 803

DESCRIPTION

The type 803 industrial air heaters are the ideal solution for heating gaseous media in various process and process engineering applications. Thanks to their robust welded design, they are ideal for use with overpressures of up to 500 mbar. Their precise design ensures uniform and effective heating, resulting in optimised operating performance.



PRODUCT ADVANTAGES

- Welded housing.
- Replaceable, highly compressed tubular heating elements.
- Precise temperature monitoring and control possible using electronic controls.
- In contrast to combustion heaters, no combustion fumes or noise.
- With integrated fan on request

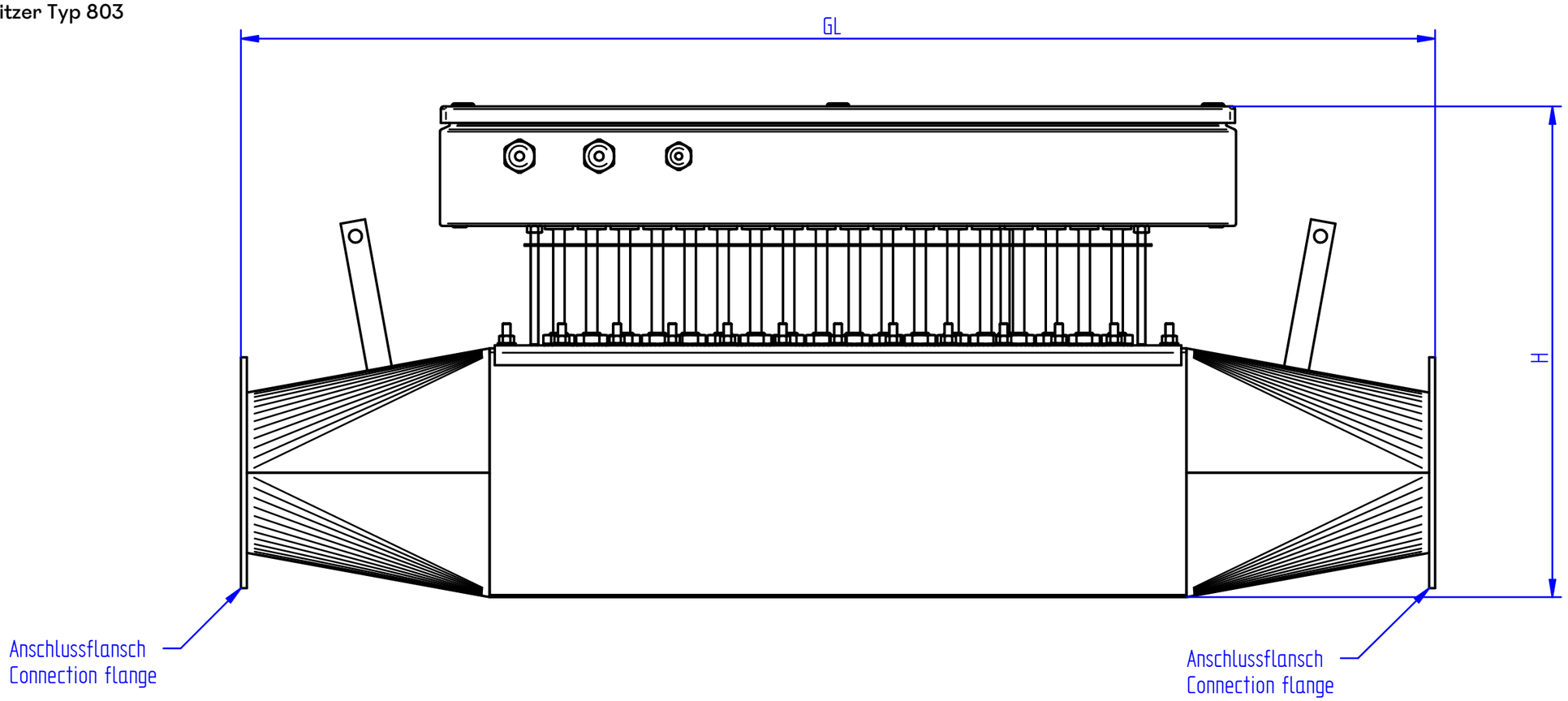
TECHNISCHE DATEN

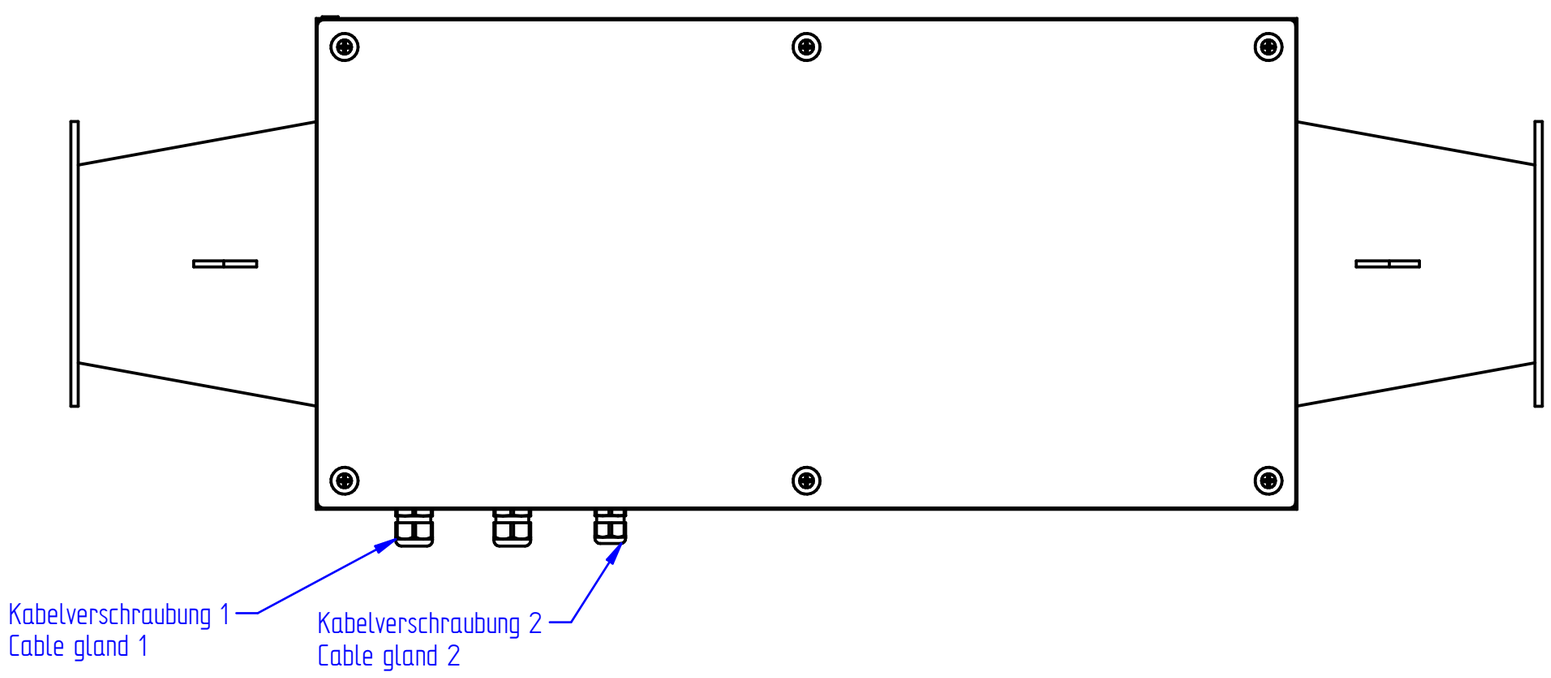
Medium	Gaseous
Process data	Medium and temperature (up to 650°C) according to specification
Process connection	Flange frame according to duct size Flanges up to Ø1200 according to DIN 1092-1 or ASME B 16.5
Heating elements	Tubular heating elements
Materials	Painted steel; 1.4301 (AISI 304); 1.4404 (AISI 316L); 1.4571 (AISI 316 Ti); 1.4828 (AISI 309); 1.4876 (Incoloy 800); 2.4858 (Incoloy 825)
Duct cross-section (mm x mm)	(250 x 250) to (3000 x 3000)
Temperature monitoring	Temperature controller Safety temperature limiter Limiter PT100 or thermocouple
Performance	0.5 to 1500 kW
Tension	110 to 690 V
Protection class	IP54 to IP66

Terminal box	Powder-coated steel RAL 7035, stainless steel

Customised versions on request

Lufterhitzer Typ 803





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