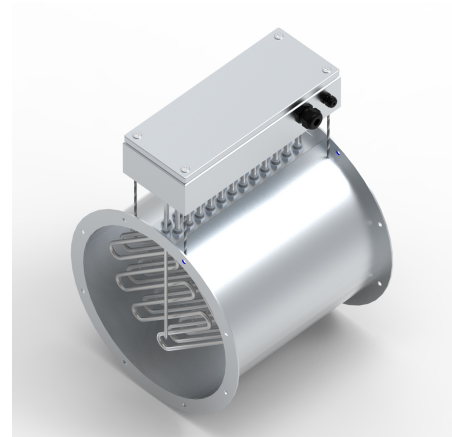


# CSN<sup>®</sup> air heater type 850

## DESCRIPTION

The industrial air heater type 850 is a first-class solution for the direct heating of gaseous, non-flammable media in industrial environments. Developed for outstanding performance and reliability, this electric air heater is widely used in process and process engineering systems. With its welded design, solutions for use at overpressures of up to 3 bar have already been realised.



## PRODUCT ADVANTAGES

- For connection to round flow ducts
- Welded housing
- With integrated fan on request
- Precise temperature monitoring and control possible with the aid of electronic controls
- In contrast to combustion heaters, no combustion fumes or noise.

## TECHNISCHE DATEN

Medium	Gaseous
Process data	Medium and temperature up to 400°C
Heating elements	Tubular heating elements
Materials	Housing: Painted steel; 1.4301 (AISI 304); 1.4571 (AISI 316 Ti)  Tubular heating element: 1.4571 (AISI 316 Ti); 1.4828 (AISI 309)
Duct connection diameter (mm)	Ø100 to Ø1400
Temperature monitoring	Temperature controller Safety temperature limiter Limiter PT100 or thermocouple
Performance	4 to 1000 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 850

Anschlussflansch  
Connection flange

Anschlussflansch  
Connection flange

Kabelverschraubung 2  
Cable gland 2

Kabelverschraubung 1  
Cable gland 1

