



CSN® AIR HEATER TYPE 803

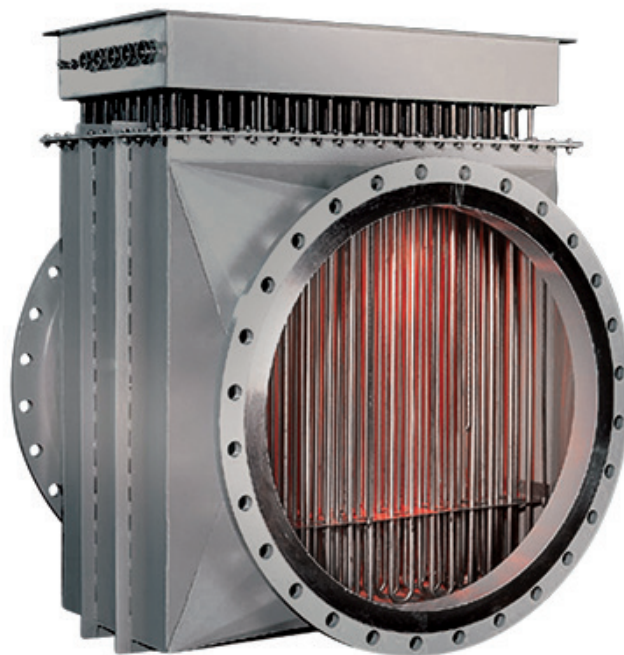
Airheaters of series 803 for round ducts are designed for direct heating of flowing air and non-flammable gases and mixtures. The heaters consist of a rectangular steel housing with conical transition pieces; connections are gas-tight welded. For higher operating temperatures the electric terminal enclosure will be mounted at a distance from the heating chamber, the space between can be thermally insulated. Supporting brackets for both vertical and horizontal mounting can be attached. Typical applications are in the field of ventilation and air conditioning as well as in drying equipment and process engineering. Duct heaters of this design are used with pressures greater than 10 mbar. For pressures > 0,5 (bar) our electric circulation heaters are used.

Material used for our air heaters:

- Air duct in stainless steel 1.4301 (AISI 304), optionally in stainless steel
- CSN® tubular heating elements, exchangeable, in stainless steel 1.4828 (AISI 309)
- Terminal enclosure in steel, powder-coated RAL 7035
- Protection class IP-54. Optionally IP-65

Options:

- With temperature control, temperature limiter, Pt-100 RTD, thermocouple
- with integrated fan (see table)



Type	Output kW	approx. housing dimensions in mm		Flange DN
		cross section	length	
803/10	10	200 x 200	800	100
803/18	18	200 x 200	1000	100
803/30	30	200 x 200	1000	150
803/45	45	250 x 250	1400	200
803/27	27	300 x 300	1200	250
803/60	60	300 x 300	1400	250
803/45	45	450 x 450	1400	300
803/95	95	450 x 450	1600	300
803/80	95	600 x 600	1800	400
803/160	160	800 x 800	2000	500

For a perfect control of our heaters we recommend our electric control systems.

Specialist contact person:	
Julian Müller	Peter Deja
Phone: +49 (2392) - 692 - 747	Phone: +49 (2392) - 692 - 32
Fax: +49 (2392) - 692 - 89747	Fax: +49 (2392) - 692 - 8932
eMail: julian.mueller@schniewindt.de	eMail: peter.deja@schniewindt.de