



## CSN® AIR HEATER TYP 850

Airheaters of series 850 for round ducts are designed for direct heating of flowing air and non-flammable gases and mixtures.

Typical applications are in the field of ventilation and air conditioning as well as in drying equipment and process engineering.

Air duct heaters in this design are used for overpressure up to 10 mbar.

For higher pressures, we design air heaters gas-tight welded according to Series 803 or as electric circulation heaters.

### Materials used for our air heaters:

air duct in stainless steel 1.4301 (AISI 304),

optionally in painted 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	KW	approx. dimensions of housing in mm			Qty. of tubular elements	approx. air capacity free blowing m <sup>3</sup> /h	approx. rpm
		without fan internal dia.	without fan length	with fan length			
850/4	4	350	550	850	3	1000	1425
850/8	8		550	850	6		
850/12	12		550	850	9		
850/18	18	400	650	850	9	1800	1425
850/24	24		650	850	12		
850/30	30		850	1200	15		
850/36	36		850	1200	18		

**For a perfect control of our heaters we recommend our electric control systems!**

### Specialist contact person:

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