



CSN® AIR HEATER TYP 802

Air heaters of series 802 are designed for direct heating of gaseous incom-bustible flowing air. 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)
- For a perfect control of our heaters we recommend our electric control systems



Type without fan	Output kW	steps kW	approx. housing dimensions in mm		approx. flange width mm	Qty. of CSN® tubular elements
			cross section	length		
802/ 4	3	3	250 x 250	350	30	3
802/ 6	6	3 - 6				
802/ 9	9	3 - 6 - 9				
802/12	12	6 - 12	350 x 350	500	30	6
802/18	18	6 - 12 - 18				
802/27	24	12 - 18 - 24				
802/36	36	12 - 24 - 36	460 x 460	950	50	9
802/48	48	16 - 32 - 48				
802/60	60	20 - 40 - 60				
802/72	72	24 - 48 - 72				

Type with fan	Output kW	steps kW	approx. housing dimensions in mm		approx. flange width mm	Qty. of CSN® tubular elements	approx. air capacity freeblowing m³/h	approx. rpm.
			cross section	length				
802/ 4 V	3	3	250 x 250	350	30	3	500	1425
802/ 6 V	6	3 - 6						
802/ 9 V	9	3 - 6 - 9						
802/12 V	12	6 - 12	350 x 350	500	30	6	1800	1425
802/18 V	18	6 - 12 - 18						
802/27 V	24	12 - 18 - 24						
802/36 V	36	12 - 24 - 36	460 x 460	950	50	9	4000	1425
802/48 V	48	16 - 32 - 48						
802/60 V	60	20 - 40 - 60						
802/72 V	72	24 - 48 - 72						

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