



CSN® AIR HEATER TYP 800

Air heaters Type 800 are electric heater batteries for installation in existing ducts mainly in drying equipment and in the thermal process technology.

Heating is provided by CSN® heat grids that are installed vibration and shock resistant. The absorbed energy is converted directly into heat, without the inertia, very common, for example, with tubular heating elements. The large heat generating surface ensures a good heat transfer to the flowing air.

Kilowatt rating: up to 100 kW
 Air outlet temperature: max. 200°C
 Air flow velocity: app. 1.5 - 10 m/s

Materials used for our air heaters:

Air duct in stainless steel 1.4301 (AISI 304), optionally in painted steel
 CSN® heating grid of temperature-resistant ceramic or glass fiber
 Terminal enclosure in steel, powder-coated RAL 7035
 degree of protection IP 00

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	Output kW	steps kW	approx. housing dimensions in mm		length with van	approx. flange width mm	nos. of CSN® grids
			cross section	length			
800/ 6	6	3 - 6	350 x 350	500	950	30	6
800/ 9	6	3 - 6 - 9					9
800/12	12	6 - 9 - 12					12
800/18	18	6 - 12 - 18	460 x 460	950	950	30	9
800/24	24	12 - 18 - 24					12
800/30	30	18 - 24 - 30					15
800/36	36	12 - 24 - 36					18
800/48	48	24 - 36 - 48	530 x 530	950	1350	40	24
800/60	60	36 - 48 - 60					30

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