



CSN® Air Heater Type 810

Application:

for heating of workshops, working places,
immediate heating of building lots.

Materials used for our air heaters:

housing: stainless steel AISI 304,
CSN® Tubular heating elements exchangeable, material AISI 309 similar,
fan,
Terminal box: steel powdercoated RAL 7035
Temperature controller and limiter
Protection mode IP 43 (others on request)
The motors, stated in the schedule, are rated for 400 V AC, three-phase, 50 cps.

Options:

Against extra costs also other voltages and frequencies can be supplied.



| Type | Power kW | steps kW changeable | approx. housing dimensions in mm | | Qty. of CSN® tubular heaters | approx. air capacity free-blowing m³/h | approx. rpm |
|--------|----------|---------------------|----------------------------------|------|------------------------------|--|-------------|
| | | | cross section | high | | | |
| 810/4 | 4 | 4 | 360 x 355 | 1000 | 3 | 1000 | 1425 |
| 810/8 | 8 | 4 - 8 | | | | | |
| 810/12 | 12 | 4 - 8 - 12 | | | | | |
| 810/18 | 18 | 9 - 18 | 460 x 460 | 1200 | 6 | 2600 | 1425 |
| 810/27 | 27 | 9 - 18 - 27 | | | | | |
| 810/36 | 36 | 18 - 27 - 36 | | | | | |
| 810/45 | 45 | 18 - 36 - 45 | 460 x 460 | 1500 | 15 | 4000 | 1425 |
| 810/54 | 54 | 18 - 36 - 54 | | | | | |
| 810/63 | 63 | 27 - 45 - 63 | | | | | |

For a perfect control of our heaters we recommend our CSN® Standard Control System for Air Heaters 810/4-63 (* **)

consisting of:

- control cabinet
 - main switch
 - main fuse
 - control fuse
 - steps switch
 - indication light
- * 4 kW 1-step without fuse
** up to 12 kW 1- or 2-steps without on-load fuse



| for air heater type | steps | power steps kW | article no. | approx. rpm |
|---------------------|-------|----------------|------------------------------|---------------------------|
| 810/4 | 1 | 4 | 200 0 0004 4 01 0 00 00 3 21 | IP 65 / K/295 x 333 x 129 |
| 810/8 | 2 | 4 - 4 - | 200 0 0008 4 02 0 00 00 3 21 | IP 65 / K/295 x 583 x 129 |
| 810/12 | 3 | 4 - 4 - 4 | 200 0 0012 4 03 0 00 00 3 21 | IP 65 / K/295 x 583 x 129 |
| 810/18 | 2 | 9 - 9 - | 200 0 0018 4 02 0 00 00 3 21 | IP 65 / K/403 x 603 x 129 |
| 810/27 | 3 | 9 - 9 - 9 | 200 0 0027 4 03 0 00 00 3 21 | IP 65 / K/403 x 603 x 129 |
| 810/36 | 3 | 18 - 9 - 9 | 200 0 0036 4 04 0 00 00 3 21 | IP 65 / K/403 x 603 x 129 |
| 810/45 | 3 | 18 - 18 - 9 | 200 0 0045 4 06 1 00 00 2 21 | IP 65 / M/600 x 600 x 210 |
| 810/54 | 3 | 18 - 18 - 18 | 200 0 0054 4 03 1 00 00 2 21 | IP 65 / M/760 x 760 x 210 |
| 810/63 | 3 | 27 - 18 - 18 | 200 0 0063 4 05 1 00 00 2 21 | IP 65 / M/760 x 760 x 210 |

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