JEGP Series Rectangular Duct Heaters

Jakka rectangular electric duct heaters are designed for precise air heating in duct systems, centralized air handling units, and industrial process environments. With customizable dimensions and power ratings up to **1000 kW**, these units deliver reliable, high-capacity thermal performance. When correctly sized, they can efficiently heat entire buildings or large industrial facilities.

- Fully customized sizes and heating capacities
- Output range up to **1000 kW**
- Suitable for HVAC and demanding industrial applications
- Robust construction designed for harsh operating conditions
- Optional reinforced electrical insulation and stainless-steel materials
- Available for high-temperature and high-power requirements

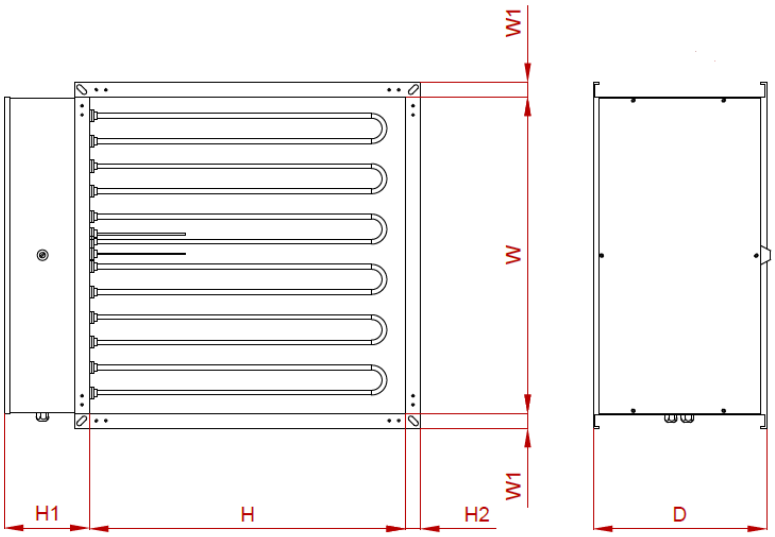
- Galvanised Steel as standart
- Magnelise steel, AISI304 SS, AISI316 SS available
  AISI304 Stainless steel tubular heating elements

- Integrated connection terminals
- Easy access for wiring and maintenance

Ingress Protection (IP Rating)

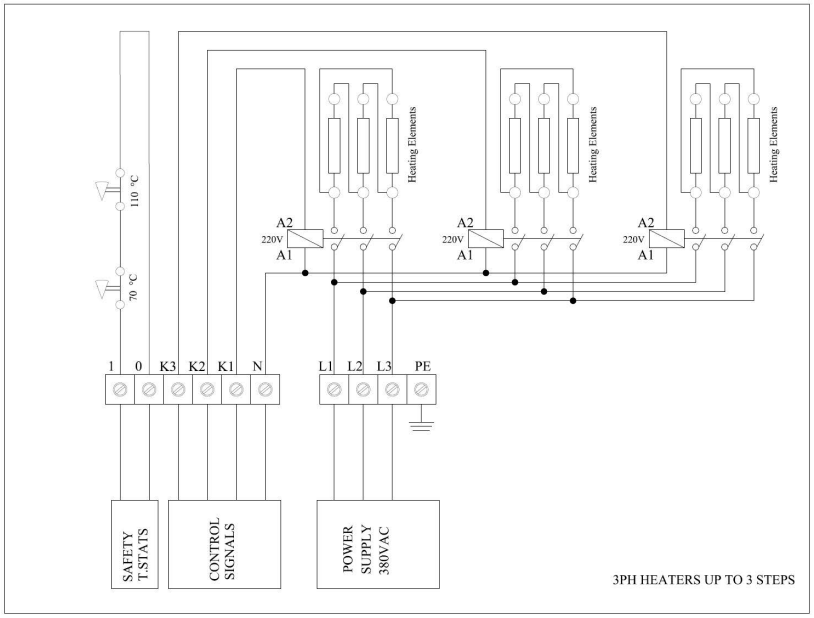
Standard: **IP43**, Optional: **IP55** or **IP65**

DIMENSIONS

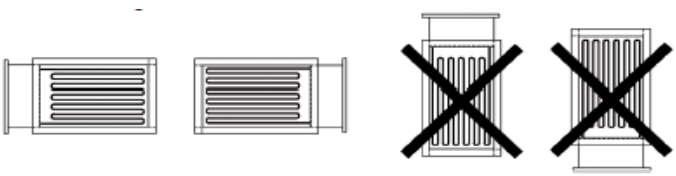


W	150—3000 mm
W1	25-100 mm
H	150-3000 mm
H1	120-300 mm
D	120-1200 mm

WIRING DIAGRAM



INSTALLATION



These duct heaters can be mounted in horizontal or vertical ducts. The air flow through the duct heater must follow the air direction arrow on the duct heater cover. On a horizontal duct, the terminal box can be placed to the right or to the left, but not above or below. The duct heater must be installed in such a way that it receives an even air flow over the entire surface. We recommend that the distance to or from duct bends, fans, dampers, etc. is at least equal to the diagonal dimension of the duct heater, i.e. from corner to corner within the heater's duct part.

If there is a possibility of accidental contact with the heating elements, a protective grill must be installed to prevent injury.

QUALITY APPROVALS

Our duct heaters are tested and aproved by the following directives :

LVD directive : EN 60355-1 and EN 60335-2-30
EMC directive : EN 61000-3-2/A1:2021 and IEC 61000-3-3 / AMD2:2021