



# ELECTRIC DUCT HEATERS FOR POTENTIALLY EXPLOSIVE ATMOSPHERES

JEVI's electric duct heaters are designed for assembly in potentially explosive atmospheres - zone 1 or 2 and temperature class T3 or T4.

Electric duct heaters have many applications, including in air handling units (AHU), offshore, onshore, chemical and petrochemical installations, shipbuilding and the process industry. All duct heaters are designed for indoor and outdoor use.

## TEMPERATURE CONTROL

The duct heater must be controlled by a control unit. If the duct heater is located in a potentially explosive atmosphere, the control unit must be approved for this purpose.

## MATERIALS

The duct heaters are supplied in materials suitable for the application, depending on the medium and the environment. As standard, stainless steel is used for the duct, junction box and heating elements.

## TECHNICAL DATA

- Heating elements: Ø8.5 to Ø12.7 mm acid-resistant stainless steel AISI 316L (other stainless steel grades can be supplied on request)
- Surface load on heating elements: max. 1.3W/cm²
- Ingress protection (IP): IP66
- Voltage: up to 690V
- Design: square, round or as an insert
- Temperature limiter: all duct heaters are equipped with a safety thermostat and thermal cut-out
- Junction box: acid-resistant stainless steel AISI 316L (other stainless steel grades can be supplied on request)
- A flow switch can be added

## APPROVAL

We manufacture duct heaters that are approved in accordance with applicable standards.
Tested and approved by TÜV Nord
TÜV 13 ATEX 131672 X
IECEx TUN 13.0036 X







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