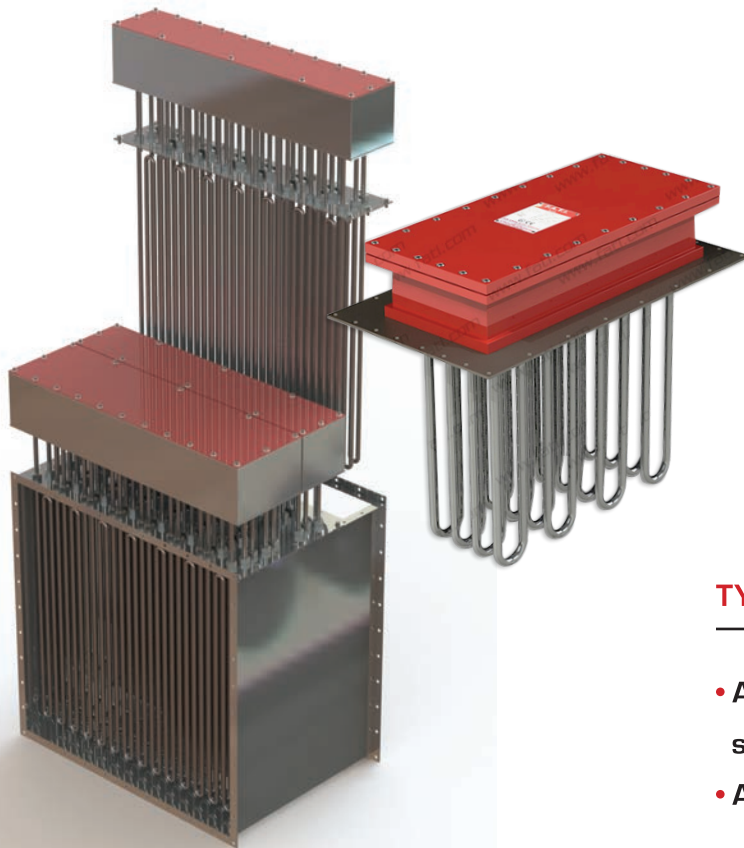




ELECTRIC DUCT HEATERS ATEX/IECEX

Duct heaters are designed for flange mounting, in connection with air conditioning / heating and ventilation systems, usually used in industrial environments. Special designs, for example, Process systems, Furnaces, Autoclaves, Reheating, Paint drying, Ships on request. FATI duct heaters have been designed for Zones 1 & 2 Hazardous areas, gas groups IIA & IIB, temperature class T1-T6. Certification ATEX II 2G Ex d IIB T1-T6 to EN 60079-0 / 60079-1, and IECEx Ev



TYPICAL APPLICATIONS:

- Air heating in ventilation systems for living zones of ships and offshore platforms,
- Air heating in process equipments and drying plants.

FEATURES:

- Case: stainless steel, galvanized steel or painted steel;
- Elements: Tubular finned element, with mild or stainless steel sheath;
- Sensors: Thermostat, thermocouple or RTD temperature sensors;
- Controls: Stand-alone control panels are available.



FLANGED HEATERS ATEX

FATI-CHT flange Heaters allow heating elements to be changed without decommissioning the tank. Replaceable-style elements can be easily changed by one person with no special tooling required. This is system storage units that need to remain filled for continuous operation and storage

FEATURES

Element

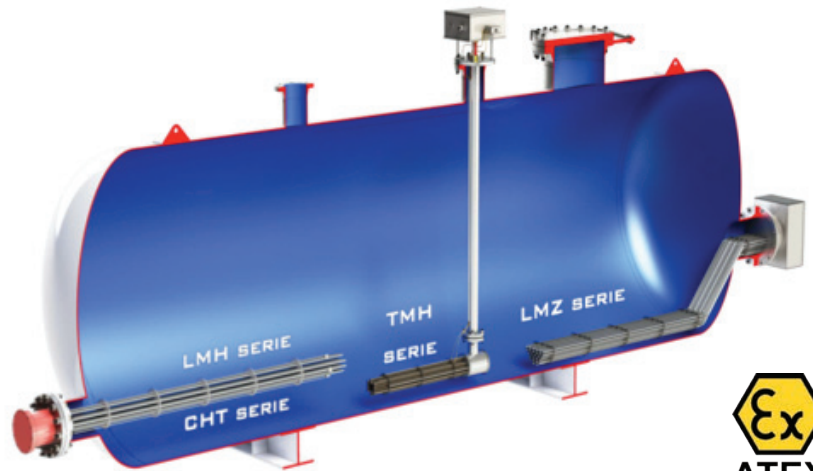
- Materials - Copper, Carbon steel, 304L, 316L, 321 stainless steel, INCOLOY®, INCONEL®

Flange

- Materials - Carbon steel, stainless steel.
- Rating - 150, 300, 400, 600, 900, 1.500, 2.500 lb. pressure class.
- Sizes - from 1" to 48"

Safety & Control Thermowell

- Materials - Copper, carbon steel, stainless steel, INCOLOY®, INCONEL® or other premises, in Italy and abroad;
- Maintenance and assistance for existing plants;
- Remote assistance.



CERTIFICATION

ATEX & IECEx II 2 G D
Ex d IIB / IIC T1 to T6 Gb

Ex e IIC T1 to T6 Gb
Mechanical degree IP66

ENCLOSURE

Painted mild steel or stainless steel

ELEMENT

St. St. 304L / 316L

Inconel 800-825

Inconel 600-625

sheathed with 80/20 nickel chrome resistance wire imbedded in high purity magnesium oxide

DESIGN CODE

ASME VIII or PD5500 with PED certification for installation within the European Union, ASME B31.3

CE MARKED

In accordance with relevant EU Directives

VOLTAGE

Up to 750 VAC

POWER

Up to 5000 kw