



**HEATING
BLANKET
FOR TANKS**

HEATING BLANKET FOR TANKS



APPLICATION AREA

Heating blanket equipped with electronic control, is designed for maintaining at a certain level the temperature of the industrial tanks, in situations when tank content (be it solid, viscous, liquid or gaseous, in exception combustible gases) must be heated.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

OPERATIONAL FEATURES

Heating blankets are available in 2 sizes (see the table) and are manufactured using fireproof and/or self-extinguishing materials. The heater is mounted on the tank using Velcro closure and orange bands and it is simple to handle due to its reduced weight (11 kg – 24,25 lb). T602 electronic controller permits to manage the heating temperature during blanket operation.

CARBON FIBER

Carbon fiber is flexible, does not oxidize, does not produce harmful electromagnetic fields during electricity flow, has no dimensional variations as the temperature changes nor deterioration of ohmic values. No wearing and no maintenance required. Its high resistivity permits significant energy savings.

TEMPERATURE CONTROL

The heater is equipped with safety thermostat of 90°C. By aim of an embedded electronic controller, which manages the activation and deactivation of the heater, it is possible to set the temperature from 0°C to 90°C.



HEATING BLANKET INSTALLED ON THE TANK



POWER SUPPLY CABLE WITH INDUSTRIAL PLUG 16 A



T602 ELECTRONIC CONTROLLER

HEATING BLANKET WITH T602 ELECTRONIC CONTROLLER

STRATIFICATION

Stratification starting with outside layer:

- PVC tissue 1st class.
- Insulation made of reflective aluminium sheet and felt.
- Carbon Fiber resistors integrated between the two layers of reflective aluminium.
- Varnished aluminium layer.
- Aramid tissue.

| MODEL | POWER SUPPLY | POWER | PROTECTION DEGREE | TEMPERATURE CONTROL | CABLE (cm/in) | DIMENSIONS (cm/in) |
|-----------|------------------|--------|-------------------|--|---|--|
| TI_CIST | 230 Vac 50/60 Hz | 1700 W | IP65 | Thermostat of 90°C T602 electronic controller | Cable blanket to controller 100/39.37 Cable controller to outlet 300/118.1 IP68 connector | 440/173.23x100/39.37 Cap 125/49.21x105/41.34x30/11.81h |
| TI_CIST_P | 230 Vac 50/60 Hz | 2750 W | IP65 | Thermostat of 90°C T602 electronic controller | Cable blanket to controller 100/39.37 Cable controller to outlet 300/118.1 IP68 connector | 440/173.23x100/39.37 Cap 125/49.21x105/41.34x30/11.81h |

CONFORMITY



This product is manufactured in conformity with the electrical safety standards set by Low Voltage Directive 2014/35/EU. This product is in conformity with Electromagnetic Compatibility Directive 2014/30/EU, concerning the standards for electromagnetic emissions.