Explosion-proof radiators, certified **II 2 GD - Ex d II C T3 - Ex tD A21 T200°C**, distribution or delivery sites; in industries such as chemistry (inorganic chemistry, agrochemistry,...), oil industry, refinery, in spray booths (solvents)...



- **Using conditions :**
  - Class* : II C, II B and II A
  - Pressure : 0.8 < P < 1.2 bar.
  - Gas zone : 1 and 2
    T3 : Surface T° ≤ 200°C, for using temperature : - 20°C < T < 40°C.
  - Dust zone : 21 and 22
    T200 : Surface T° ≤ 200°C, for using temperature : - 20°C < T < 40°C.

Our equipment respects the directive 94/9/CE, according to the standards :
EN 60079-0 de 07/2006 , EN 60079-1 de 03/2004, EN61241-0 de 12/2006, EN 61241-1 de 06/2004

** The use of this type of heaters requires a total missing of other potential inflaming sources such as flames, warm gases, mechanical sparks, vibrations, static electricity, electromagnetic waves...*

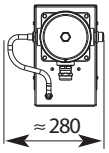
- **2 types of heaters :**
  - F serie : heaters supplied with only a safety thermostat
  - F.I and F.T series : same as above, also with an ambient thermostat.

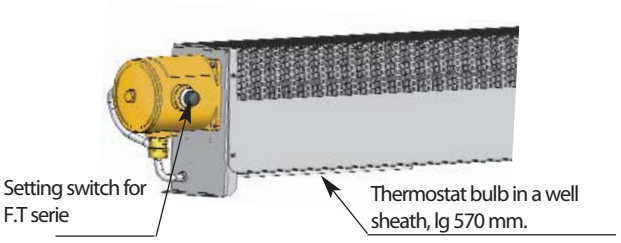
- **Common characteristics for all types :**
  - Stainless steel casing.
  - Heating body composed of electric heaters in a steel sheath with steel fins.
  - IP 65 heaters, according to the EN 60529 standard, for the heaters referenced.
    IP 67 heaters, on request, to precise with the inquiry or order.
  - Aluminium connection box IP 65 with ATEX EEX d II C 3/4" NPT cable grip.
  - Connection box equipped with internal M6 earth bold and external M4 bolt.
  - Safety thermostat inside the connection box, to maintain the outside surface below 200°C (which is compulsory for T3 class)
  - Voltage : 230 V single phase, 230 V threephase or 400 V threephase, according to the heaters.
  - Wattage : 1 kW ; 1.5 kW ; 2 kW , depending on the sizes.
  - Fixing supports drilled with 4 holes : 14 x 7 mm.
  - Individuall controll before shipment.
    Supplied with using instructions., declaration of conformity and certificate type INERIS.

- **Radiators with ambient thermostat :**

  F.T and F.I series are equipped with ambient thermostat, from 0° C to - 40° C, in which the bulb, fixed under the apparel protected by a well sheath.

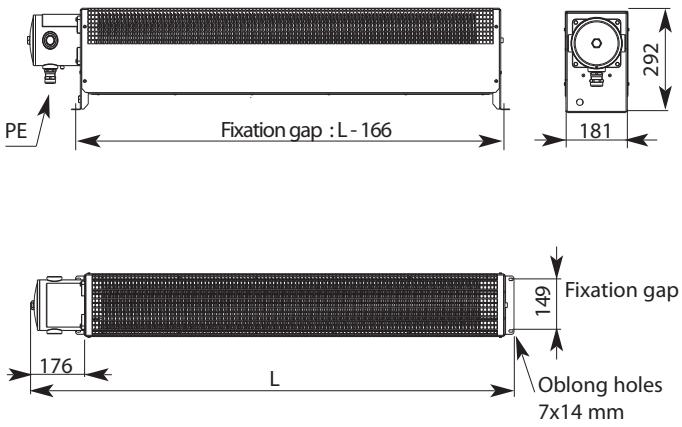
  Setting button is located outside the box, for F.T heaters, and, inside the box for F.I heaters.





Вносител: **ЮНИА-Т ЕООД** гр. Ихтиман 2050, ул. Стипон 35, e-mail: junia_t@abv.bg, тел. 0886 090968
www.juniabg.com

Heaters sizes (F type) : (dimensions in mm)



Important notes :

Keep a free space of 150 mm all around the heater and keep all free space over the heater, to guarantee a good air flow.

The radiators must operate in a horizontal position, fixing supports down, either on the ground or on horizontal brackets

Voltage 230 V single phase

Wattage	Length L	Weight	Basic version	Version with inside button	Version with outside button
1000 W	990 mm	25 kg	F 1000	F 1000.I	F 1000.T
1500 W	1290 mm	34 kg	F 1500	F 1500.I	F 1500.T
2000 W	1610 mm	41 kg	F 2000	F 2000.I	F 2000.T

Voltage 230 V three phase

Wattage	Length L	Weight	Basic version	Version with inside button	Version with outside button
1000 W	990 mm	25 kg	F 1000.2	F1000.2I	F 1000.2T
1500 W	1290 mm	34 kg	F 1500.2	F1500.2I	F 1500.2T
2000 W	1610 mm	41 kg	F 2000.2	F2000.2I	F 2000.2T

Voltage 400 V three phase

Wattage	Length L	Weight	Basic version	Version with inside button	Version with outside button
1000 W	990 mm	25 kg	F 1000.4	F1000.4I	F 1000.4T
1500 W	1290 mm	34 kg	F 1500.4	F1500.4I	F 1500.4T
2000 W	1610 mm	41 kg	F 2000.4	F2000.4I	F 2000.4T

To facilitate your installation, we offer a range of plug and socket ATEX Certified Gas and Dust.
These sockets are suitable for radiators , single or three phase





Base Models for electrical panel, stands with other inclinations, available. Consult us.

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