

Explosion-proof electric heaters, 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)...



**ATEX Heaters :
INERIS 06 ATEX 0025**

• **Using conditions :**

- Class* : II C, II B and II A
- Pressure : $0.8 < P < 1.2$ bar.
- Gas zone : 1 and 2
T3 : Surface $T^{\circ} \leq 200^{\circ}\text{C}$, for using temperature : $-20^{\circ}\text{C} < T < 40^{\circ}\text{C}$.
- Dust zone : 21 and 22
T200 : Surface $T^{\circ} \leq 200^{\circ}\text{C}$, for using temperature : $-20^{\circ}\text{C} < T < 40^{\circ}\text{C}$.

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 :**

- RADF serie : heaters supplied with only a safety thermostat
- RADF.IN and RADF.TH series : same as above, also with an ambient thermostat.

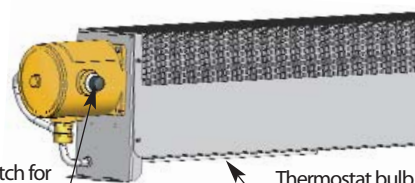
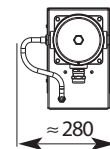
• **Common characteristics for all types :**

- 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 bolt 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 : 14×7 mm.
- Heaters individually controlled before shipment.
Heaters supplied with using instructions., declaration of conformity and certificate type INERIS.

• **Heaters with ambient thermostat :**

RADF.TH and RADF.IN heaters 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 RADF.TH heaters, and, inside the box for RADF.IN heaters.



Setting switch for RADF.TH serie

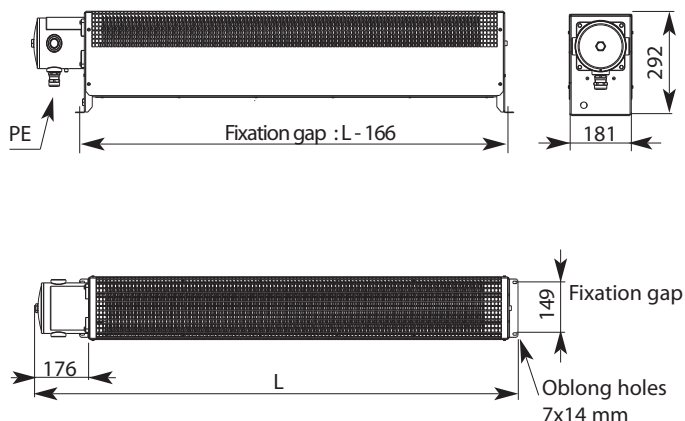
Thermostat bulb in a well sheath, lg 570 mm.

Certificates and form definition for ATEX heaters can be downloaded from our website :
www.acim-jouanin.fr

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Les caractéristiques de nos produits sont données à titre indicatif. Nous nous réservons le droit de les modifier en fonction de l'évolution technique.

Heaters sizes (RADF 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 heaters must operate in a horizontal position, fixing supports down, either on the ground or on horizontal brackets

24 hours DELIVERY*

Heaters : Voltage 230 V single phase

Wattage	Length L	Weight	Basic version	Heater with inside button	Heater with outside button
1000 W	990 mm	25 kg	RADF 1000	RADF 1000.IN	RADF 1000.TH
1500 W	1290 mm	34 kg	RADF 1500	RADF 1500.IN	RADF 1500.TH
2000 W	1610 mm	41 kg	RADF 2000	RADF 2000.IN	RADF 2000.TH

Heaters : Voltage 230 V three phase

Wattage	Length L	Weight	Basic version	Heater with inside button	Heater with outside button
1000 W	990 mm	25 kg	RADF 1000.2	RADF1000.2IN	RADF 1000.2TH
1500 W	1290 mm	34 kg	RADF 1500.2	RADF1500.2IN	RADF 1500.2TH
2000 W	1610 mm	41 kg	RADF 2000.2	RADF2000.2IN	RADF 2000.2TH

Heaters : Voltage 400 V three phase

Wattage	Length L	Weight	Basic version	Heater with inside button	Heater with outside button
1000 W	990 mm	25 kg	RADF 1000.4	RADF1000.4IN	RADF 1000.4TH
1500 W	1290 mm	34 kg	RADF 1500.4	RADF1500.4IN	RADF 1500.4TH
2000 W	1610 mm	41 kg	RADF 2000.4	RADF2000.4IN	RADF 2000.4TH

In addition to radiators ATEX

To facilitate your installation, we offer a range of plug and socket ATEX Certified Gas and Dust.

These sockets are suitable for radiators Acim Jouanin, single or three phase



Photos: Wall bracket, inclination 70° and straight plug

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

* Variable delivery time depending on availability and ordered version. Delivery time within 24h for 230V single phase version without thermostat, on receipt of the duly filled in questionnaire.

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