**Série RADF**

**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)...

* 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:**
- 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 x 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.

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

**ACIM JOUANIN - 650, Rue Vulcain - Z.I. n°1 Nétreville - BP 1725 - 27017 EVREUX Cedex**
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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.
**Explosion Proof Industrial Heaters**

**Série RADF**

**Heaters sizes (RADF type)**: (dimensions in mm)

- Fixation gap: L - 166
- Oblong holes: 7x14 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.

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**24 hours DELIVERY**

Heaters: Voltage 230 V single phase

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Length L</th>
<th>Weight</th>
<th>Basic version</th>
<th>Heater with inside button</th>
<th>Heater with outside button</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 W</td>
<td>990 mm</td>
<td>25 kg</td>
<td>RADF 1000</td>
<td>RADF 1000.IN</td>
<td>RADF 1000.TH</td>
</tr>
<tr>
<td>1500 W</td>
<td>1290 mm</td>
<td>34 kg</td>
<td>RADF 1500</td>
<td>RADF 1500.IN</td>
<td>RADF 1500.TH</td>
</tr>
<tr>
<td>2000 W</td>
<td>1610 mm</td>
<td>41 kg</td>
<td>RADF 2000</td>
<td>RADF 2000.IN</td>
<td>RADF 2000.TH</td>
</tr>
</tbody>
</table>

Heaters: Voltage 230 V three phase

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Length L</th>
<th>Weight</th>
<th>Basic version</th>
<th>Heater with inside button</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 W</td>
<td>990 mm</td>
<td>25 kg</td>
<td>RADF 1000.2</td>
<td>RADF1000.2IN</td>
</tr>
<tr>
<td>1500 W</td>
<td>1290 mm</td>
<td>34 kg</td>
<td>RADF 1500.2</td>
<td>RADF1500.2IN</td>
</tr>
<tr>
<td>2000 W</td>
<td>1610 mm</td>
<td>41 kg</td>
<td>RADF 2000.2</td>
<td>RADF2000.2IN</td>
</tr>
</tbody>
</table>

Heaters: Voltage 400 V three phase

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Length L</th>
<th>Weight</th>
<th>Basic version</th>
<th>Heater with inside button</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 W</td>
<td>990 mm</td>
<td>25 kg</td>
<td>RADF 1000.4</td>
<td>RADF1000.4IN</td>
</tr>
<tr>
<td>1500 W</td>
<td>1290 mm</td>
<td>34 kg</td>
<td>RADF 1500.4</td>
<td>RADF1500.4IN</td>
</tr>
<tr>
<td>2000 W</td>
<td>1610 mm</td>
<td>41 kg</td>
<td>RADF 2000.4</td>
<td>RADF2000.4IN</td>
</tr>
</tbody>
</table>

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**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.

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