



ATEX Electrical heater unit

Protection mode:

Type of protection: II2G, II2D, or II2GD
 Class of temperature: T3 or T4
 Protection degree: IP55
 Ambient Temp : -20/+40°C
 Zones : 1-2-21-22



USE

Space heating in explosive atmosphere gas (areas 1 or 2) or dust (areas 21 or 22).

FEATURES

- 1 CABLE GLAND ATEX II 2GD (power)
- 1 CABLE GLAND ATEX II 2GD (safety thermostat)
- Battery electric heater ATEX certified by a notified body
- Motor fan series EVXP ATEX
- Voltage Three Phase 230/400V 50Hz
- Safety thermostat with manual reset
- Galvanized Steel Sheet Metal
- Galvanized screws

TEMPERATURE OF TRANSPORTED FLUID

Temperature between -20°C and +40°C

Options

- Other power (up to 60 kW)
- Other ATEX classification :
 - Gas Versions : II 2G Ex d IIC T1 à T4
 - Dust Versions : II 2D ExtD A21 IP6X
- T140°C, 210°C, 310°C ou 460°C
- ATEX control panels pre-wired
- Construction with stainless steel sheet metal, screws and stainless steel smooth or finned heater tubes
- Construction with centrifugal fan
- Special Voltage and frequency

REMARK

For heaters versions GD, the maximum surface temperatures for dust areas are downgraded 5°C for T4 and 10°C for T3.

STANDARDS

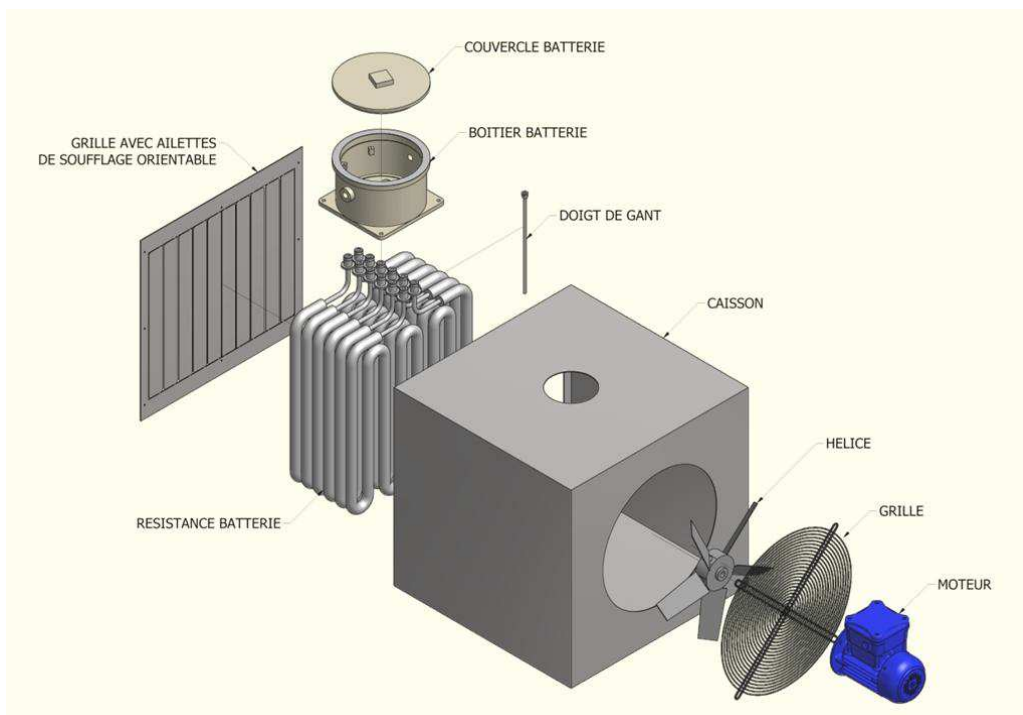
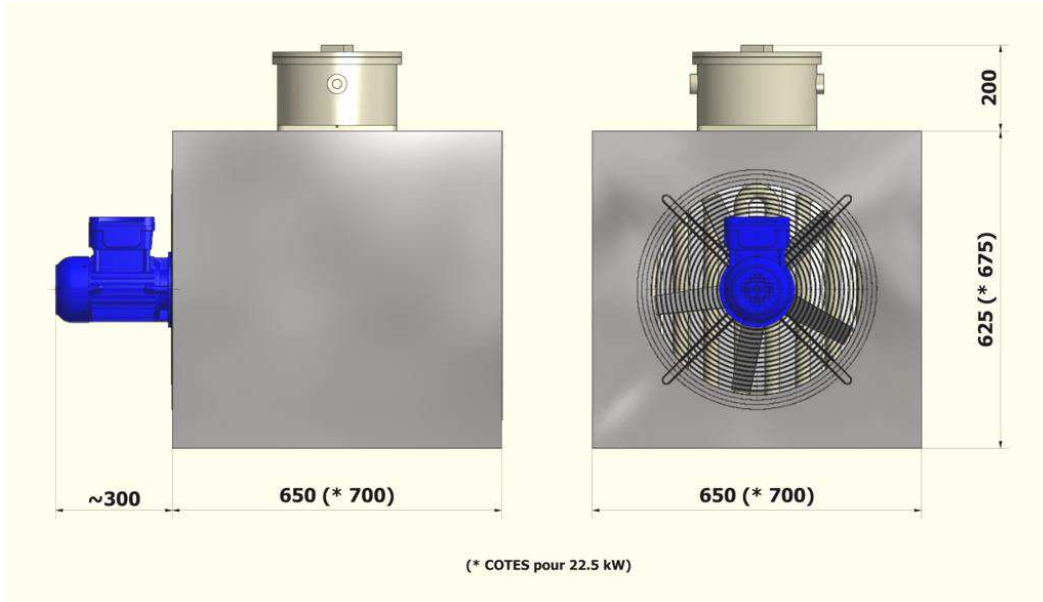
- All our fans are in accordance with the machine directive 2006/42/EC (as "partly completed machinery") and Directive 2009/125/EC Ecodesign "ERP" (Regulation n°327/2011)
- Safety requirements for mechanical protections are in accordance with EN ISO 12499
- The turbines are balanced in accordance with ISO 1940 (standard class G6.3)
- Each fan is tested in operation with vibration control according to ISO 14964

| Type | Electric Power | Speed motor tr/min | Air flow m³/h | Power kW | CODE II 2G IIB T3 | CODE II 2G IIC T3 | CODE II 2D T210 | CODE II 2GD IBT3 T210 | CODE II 2GD ICT3 T210 |
|-------------------------------------|----------------|--------------------|---------------|----------|-------------------|-------------------|-----------------|-----------------------|-----------------------|
| AL ATEX 6 G EVXP ATEX 315-35° | 6 | 1000 | 1200 | 0.18 | 52 | 54 | 50 | 51 | 52 |
| AL ATEX 9 G EVXP ATEX 400-45° | 9 | 1000 | 1800 | 0.18 | 55 | 57 | 53 | 54 | 55 |
| AL ATEX 12 G EVXP ATEX 450-35° | 12 | 1000 | 2400 | 0.18 | 67 | 69 | 65 | 66 | 67 |
| AL ATEX 15 G EVXP ATEX 450-35° | 15 | 1000 | 3000 | 0.18 | 67 | 69 | 65 | 66 | 67 |
| AL ATEX 18 G EVXP ATEX 450-40° | 18 | 1000 | 3600 | 0.18 | 70 | 72 | 68 | 69 | 70 |
| AL ATEX 22.5 G EVXP ATEX 560-35° | 22.5 | 1000 | 4500 | 0.55 | 75 | 77 | 73 | 74 | 75 |



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Drawings & photos:





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Wall support:

Weldment Painted steel (1 coat primer + 1 coat gray finish hammered)

Weight : about 30 kg

