

Gas Cylinder Heaters

Prevent cylinder frosting and keep the gas flowing

When liquid gas is drawn quickly the cylinder cools and frosts over — cutting the flow rate and the precision your process depends on, from laboratory calibration gases to high-usage production. Our gas cylinder heaters prevent that frosting and keep the flow constant and stable.



AT A GLANCE

- ✓ Three heater types — silicone band, heating jacket & ATEX jacket
- ✓ Prevents frosting — keeps a constant, stable gas flow
- ✓ Standard sizes for common cylinders — 10 / 50 / 79 L, 22 / 33 kg
- ✓ Easy to attach and detach — hassle-free in any setting
- ✓ Custom sizes made to fit most other cylinders

DESCRIPTION

In laboratories, workshops, industry and production, a constant gas flow is paramount. But a rapid drop in the liquid gas level frosts the cylinder, which slows the flow rate and can halt production when the nozzle freezes.

Our gas cylinder heaters are engineered to address this — preventing frosting and ensuring the continuous flow rate your processes depend on.

The heaters are crafted from materials that ensure longevity and efficiency, and are designed to attach and detach easily for a hassle-free experience.

Standard sizes fit common cylinder types such as type K, available from stock; custom heaters are produced to fit most other gas cylinder sizes.

APPROVALS



Three heaters for every cylinder

From a simple silicone band to a fully ATEX-rated jacket, each heater attaches directly to the cylinder. Item numbers by cylinder size follow on the next page.



Silicone Heating Band

POWER**230 V · 500 W****THERMOSTAT****40°C bi-metal****OVER-TEMP CUT-OUT****55°C, resettable****FITS****22 & 33 kg (Ø 300 mm)****DIMENSIONS****890 (C) × 120 (H) mm****PROTECTION****IP64**

Heating Jacket

CONTROL**Digital 0–40°C (opt.
0–90°C)****JACKET****Silicone glass fibre****ELEMENT****Teflon spiral-wound wire****THERMAL FUSE****16 A / 172°C****FITS****10 / 50 / 79 L****PROTECTION****IP40**

ATEX Heating Jacket

ATEX ZONES**1/2 (gas) · 21/22 (dust)****TEMP CLASS****T3–T6 (T6 rec.)****SENSORS****Dual PT100****USE****Indoor & outdoor****FITS****10 / 50 / 79 L****PROTECTION****IP65**

Item numbers

All standard item numbers are listed below, grouped by heater and cylinder size. Custom sizes are made to fit most other cylinders.

HEATER	CYLINDER	CYLINDER Ø	ITEM NO.
Silicone Heating Band	22 & 33 kg	Ø 300 mm	23-4407
Heating Jacket	10 L	Ø 130–171 mm	24-4666
Heating Jacket	50 L	Ø 220–270 mm	12-1200A
Heating Jacket	79 L	Ø 300–359 mm	24-4667
ATEX Heating Jacket	10 L	Ø 140 mm	23-4266
ATEX Heating Jacket	50 L	Ø 230 mm	23-4265
ATEX Heating Jacket	79 L	Ø 318 mm	23-4264
ATEX controller	—	—	23-4258

Item numbers reference complete heaters. The ATEX jacket's digital controller (23-4258) must be ordered separately. Custom sizes available on request.

Applications

Gas cylinder heaters keep the flow constant and the precision intact wherever cylinder frosting would otherwise interrupt it.

TYPICAL SETTINGS

- Laboratories
- Calibration gases
- Craft workshops
- Production facilities
- High-usage / continuous flow
- Nozzle-freeze prevention

CHOOSING A HEATER

For standard 22 and 33 kg bottles, the silicone heating band clamps on with a flexible spring fastener. For 10, 50 and 79 L cylinders, the digitally controlled heating jacket wraps the full body with quick-release buckles.

Where the atmosphere is potentially explosive, the ATEX heating jacket covers gas zones 1/2 and dust zones 21/22 with dual PT100 sensors; its digital controller is ordered separately. Custom sizes fit most other cylinders.

Plug options

Supplied without plug as standard. Add the plug that matches your installation – other plugs on request.

STANDARD  No plug Open cable end Supplied as standard —	230 V  Type F · Schuko CEE 7/7 EU · 16 A K-9099ADE	230 V  CEE 16 A, 3-pin IEC 60309 (blue) Industrial · 16 A · IP44 K-9099AEU230	230 V  Type G · UK 13 A BS 1363 UK / IE · 13 A K-9099AGB
230 V  Type J · Swiss 10 A SEV 1011 CH · 10 A · IP55 K-9099ACH	230 V  Type K · Danish DS 60884-2-D1 DK · 13 A K-9099ADK	230 V  Type I · Australian 10 A AS/NZS 3112 AU / NZ · 10 A K-9099AU	

Other plugs available on request. Specify the plug item number when ordering.

Contact your distributor for a quote

Quote the item number from this brochure when you order.