

## Explosion proof Anti Condensation Heater - SP

Space-heaters for Hazardous locations are designed for

- Freeze protection
- Anti-condensation
- Temperature maintenance

Features and Advantages

- Self-limiting heating elements
- Small dimensions
- No maintenance required, no moving parts: long lifetime
- Suitable for T4 and T3 classifications
- Can be used for 110 / 240 VAC/DC

Description



### Technical Data:

Power consumption	250-25Watt or 500-50Watt
Electrical cable	3x1 sqmm
Material cable	Braided silicone (standard) non-braided optional
Standard length	approx. 1 mtr. Other lengths optional, on request
Other lengths	To be specified
Overall dimensions	165x185x41,6mm (LxWxH)
Weight	Approx. 1600g
Material	black anodized aluminium
EX protection class	II2G Ex d IIC T4 or T3; II2D Ex tD A21 IP66 T135°C or T200°C
Certification	KEMA 01ATEX2124X and IECEx DEK 11.0017
Protection degree	IP66
Voltage	110/240 VAC/DC
Ambient temp. range	-60°C...+90°C

All SP Heaters are designed around self-limiting heating elements. These semi-conductor elements are saving power consumption.

Our SP Space-Heaters are designed to heat the air inside an enclosure and indirectly the installed equipment.

If properly selected for freeze protection, no thermostat will be needed.

When required in other applications, e.g. analyzers, it is normal to use our space heaters in combination with our Fix-Therm96 thermostats (range from 10°C up to 135°C).

Do not cover the fins to guarantee free convection.

Part No.	Temp. class	Surface temp.	Wattage
SP-1A	T3	Approx 115°C	250-25
SP-2A	T4	Approx 105°C	250-25
SP-3A	T4	Approx. 90°C	250-25
SP-4A	T4	Approx. 70°C	250-25
<b>High power model</b>			
SP-0AHP	T3	Approx. 130°C	500-50

\*these temperatures are measured at 20°C ambient temperature.