

Compressed Air Heater Packages



A range of 4 cool to touch in-line heater packages with unique features to deliver variable compressed air temperature to suit your application.

Suitable for use in industrial or breathing air applications, allowing air to be filtered and temperature controlled between 20°C and 120°C .

Fast response to variations in pressure and flow

Compact solid state temperature control

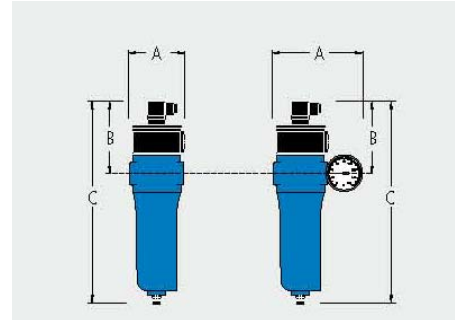
Our range of compressed air line heater systems uses an open wound heating coil and high accuracy output temperature sensing device.

This combination of fast responding heater and sensor allows the unit to adjust quickly to any variations in flow rate or line pressure, without deviation in the output temperature. The compact solid state temperature controller is mounted on top of the unit. The exact temperature output is indicated by a bi-metallic thermometer clearly visible at the front of the heater. Heaters can also be supplied, directly mounted to RSG Safety pre-filters to ensure that process air is clean.



Technical Specification

Part number	pipe size	flow rate		dimensions (mm)			weight
		Nm ³ /h	SCFM	A	B	C	Kg
006169	3/8	47	27	88	130	337	1
006170	3/8	47	27	138	130	337	1.3
006171	½	92	54	88	130	337	1
006172	½	92	54	138	130	337	1.3



	230 volt AC		115 volt AC	
Supply voltage	230 volt AC-50/60Hz		115 volt AC-50/60Hz	
Power rating	1.5Kw		1.5Kw	
Maximum working pressure	16 barg	232 psig	16 barg	232 psig
Controlled output range	20°C to 120°C	68°F to 248°F	20°C to 120°C	68°F to 248°F
Minimum inlet temperature	-20°C	-4°F	-20°C	-4°F

Technical notes

1. Semi-automatic drain valve (SDV25) are fitted to all heaters. Float operated automatic drain valves (ADV16) are fitted to all filters.
2. When liquid, oil and water are present, Prefilter models should be used.
3. Electrical connections to the unit are via an industry standard DIN connector.
4. When placing an order, please specify voltage required.
5. If used in a breathing air installation, please note adequate breathing air filtration is required prior to the heater assembly. Please note the airline heater and filter packages will not remove certain types of gases, including carbon monoxide (CO) and carbon dioxide (CO₂).
6. Threaded filters are manufactured from cast aluminium alloy and are PED 97/23/EC compliant for group 2 gases.
7. Threaded connections are Rp (BSP parallel) to ISO 7/1.
8. For NPT connections, add the suffix N e.g. 006169N.
9. Filter elements should be changed every 12 months / 8000 hours (whichever comes first).
10. Filters are suitable for use with mineral and synthetic oils, plus oil-free compressed air applications.