

CLEARPOINT® COMPRESSED-AIR HEATER

Condensate and icing can significantly affect the process reliability and profitability of compressed-air plants.

Condensate in the piping system, caused by the cooling-down of the compressed air, leads to increased wear and tear, malfunction and an unsteady product quality.

Quickly-expanding compressed air results in expansion coldness. This can lead to the icing of valves and control fittings. The process reliability is therefore at risk. Reductions in the smoothness of operation regarding breathing air and dental applications are also possible.

CLEARPOINT® compressed-air heaters heat up the compressed air, thus reducing the relative humidity. The temperature can be adjusted between +30 and +60 °C. This allows optimum operating conditions to be precisely adjusted at the exit point.

CLEARPOINT® compressed-air heaters convince in function and handling.



+1:



**PROTECTS COMPRESSED-AIR CONSUMERS
BY REDUCING THE RELATIVE HUMIDITY**

+2:



**ACCELERATES MANUFACTURING PROCESSES
BY HEATING UP THE COMPRESSED AIR**

+3:

**TEMPERATURE ADJUSTABLE,
HIGH TEMPERATURE STABILITY**

+4:

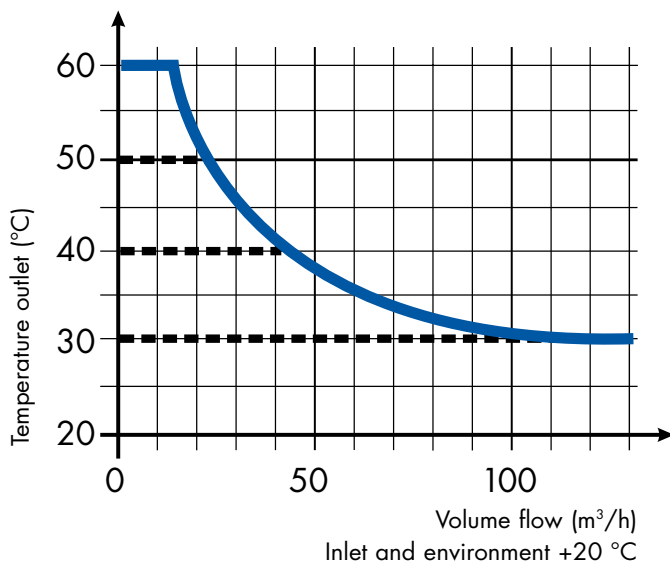
**HIGH FUNCTIONAL AND
OPERATIONAL RELIABILITY,
SIMPLEST HANDLING**

CLEARPOINT®

COMPRESSED-AIR HEATERS



PERFORMANCE

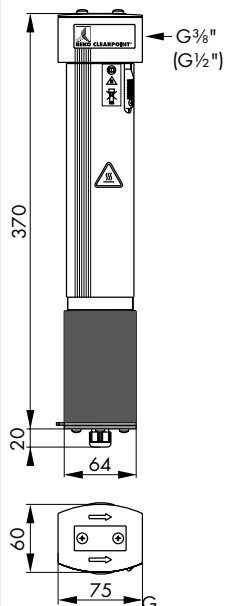


Features

- Ready-for-connection with a safety plug
- Encapsulated corrosion-free stainless-steel heating cartridges
- Temperature adjustable from +30°C to +60°C
- Protection against contact optionally available



TECHNICAL DATA



Medium	compressed air, inert gases - free from aggressive substances - dry to moisture-saturated
Housing material	aluminium, anodised powder-coated outside bottom area POM
Max. permissible operating overpressure PS	16 bar
Pipe connection	3/8" (S040) 1/2" (S050)
Volume flow at 7 bar	max. 50 m³/h bei S040 max. 100 m³/h bei S050
Pressure difference	S040 bei 50 m³/h: <0,15 bar S050 bei 100 m³/h: <0,2 bar

Inlet temperature	+2 to +50 °C
Ambient temperature	+2 to +50 °C
Setting range	
compressed-air outlet temperature	+30 to +60 °C
Internal safety switch-off temperature	+84 °C
Max. housing temperature	+80 °C
Max. compressed-air outlet temperature	+60 °C
Volumene	0,42 l
Voltage*	230 VAC / 50 Hz +/- 25 %
Power**	420 (750) W
Protection class	IP 54
Weight	2,4 kg

* Other voltages upon request

** At +20 °C: making current max. 4 A, making capacity max. 750 W

Subject to technical changes without prior notice. Specifications do not represent physical characteristics in the sense referred to in the German Civil Code.

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