

PELTIER-COOLING

ST-H 3152 / ST-A 3152



- ▶ Thermoelectric coolers
- ▶ Cooling without refrigerant
- ▶ Robust and reliable stainless steel design
- ▶ Flexible installation
- ▶ Protection type IP66 / UL Type 12, 4, 4X
- ▶ Maintenance-free
- ▶ Suitable for indoor and outdoor applications
- ▶ Accessories for condensate drainage and control systems available



COOLING

The Peltier cooling units of the ST series rely on the maintenance-free Peltier effect for efficient cooling without refrigerants. Designed for industrial use, they can be flexibly mounted – either recessed or Wall-mounted, depending on the housing requirements. Their power range from 30 to 800 watts makes them ideal for applications from small control cabinets to complex control units. They also function reliably at extreme temperatures from -20 °C to +70 °C and in dusty or oily environments. With IP66 protection, they are ideally equipped for indoor and outdoor use.

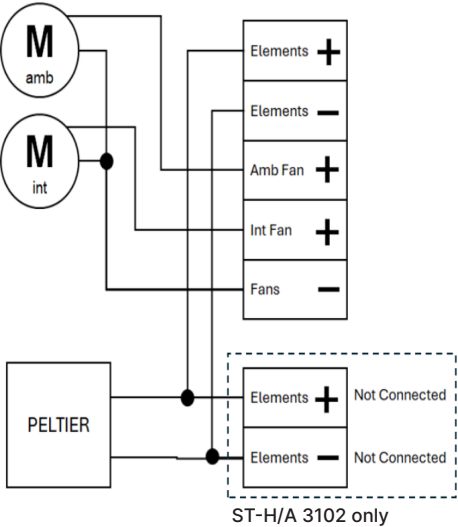
Note: Depending on the installation situation, condensate management must be taken into account separately and adjusted if necessary to ensure proper functioning.

TECHNICAL DATA

Art.-No.	920004	920104
Voltage	24V DC	
Inrush current	11A	
Operating current	6,3A	
Cooling capacity L35 L35	150W	
Nominal power	170W	
Recommended fuse	10A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 120 / 260m³/h Cabinet air circuit: 60 / 170m³/h	
Protection type	IP66 / UL Type 12, 4, 4X	
Type of connection	Connection terminal block	
Operating temperature range	-20°C bis +70°C	
UL temperature range	-20°C bis +65°C	
Storage temperature	-40°C bis +70°C	
Mounting connection	Recessed	Wall mounted (with frame)
Dimensions (AxBxC (D+E))	400×180×170 (79+91)mm	500×188×172mm
Weight	9kg	12,7kg
Cut out dimensions	370×155mm	469×155mm
Housing material ¹	Stainless steel AISI 304 (V2A)	
Certifications	CE, UKCA, cURus	

(1) Part number for stainless steel version (AISI 316 (V4A)) available on request.

WIRING DIAGRAM

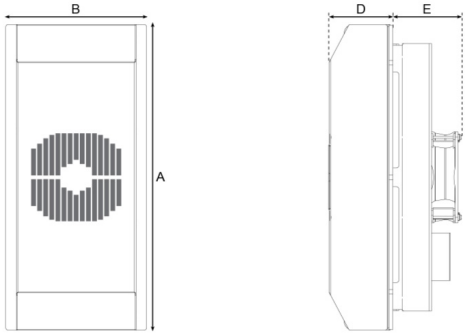


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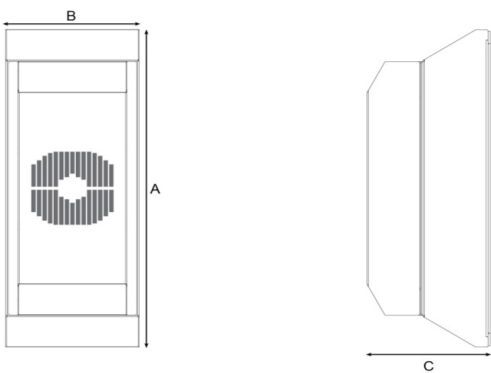
The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion. The mentioned technical data has been determined under laboratory conditions according to generally accepted testing procedures. Only to this extent are properties assured. The examination of suitability for the intended purpose or use under operating conditions lies with the customer. We do not provide any warranty for this. Errors, availability, and technical changes are subject to change without notice.

**TECHNICAL DRAWING
(SPECIFICATION IN MM)**

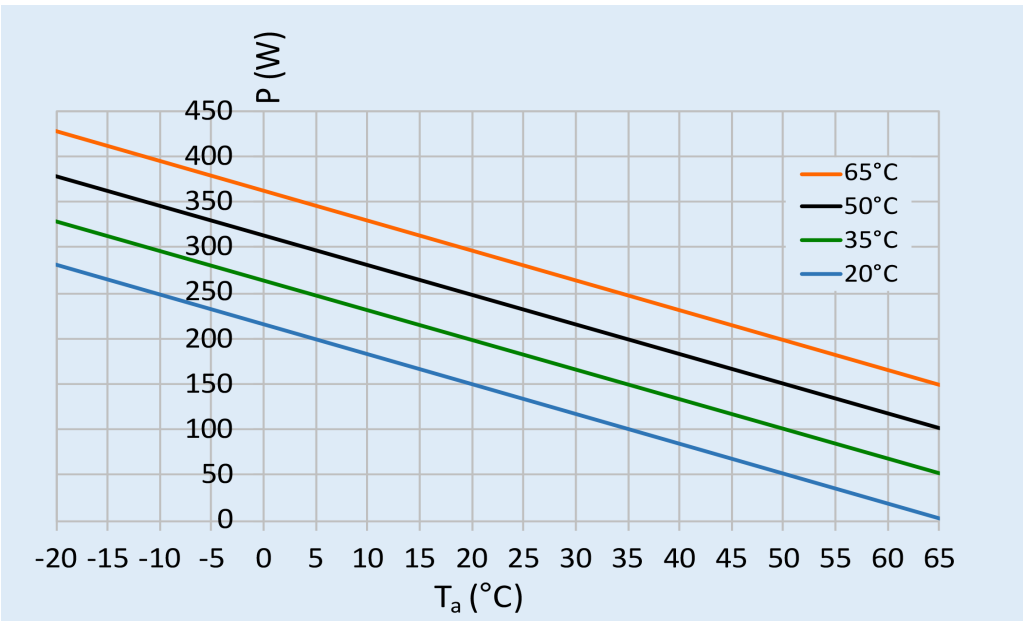
**Recessed-Version
920004**






**Wall mounted-Version
920104**



PERFORMANCE GRAPH



ACCESSORIES:

Art.-Nr.	Bezeichnung	Abbildung
920800	Peltier Condensat kit for ST3152/3200	
960000	Condensation drain socket IP66	
910018	Electronic change-over thermostat / sensor	

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