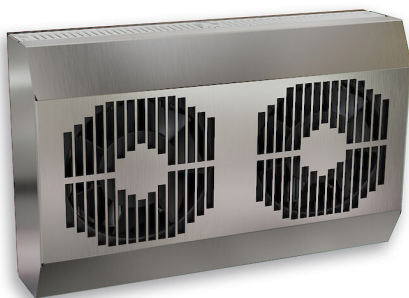


PELTIER-COOLING

ST-H 3102 / ST-A 3102



- ▶ 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



The ST series of our Peltier cooling units is designed for industrial applications. They use the thermoelectric Peltier effect for cooling – completely without refrigerants. Installation is flexible: as an recessed or Wall-mounted, horizontal or vertical, depending on the housing requirements. With a power range from 30 W to 800 W, the units offer solutions for a wide variety of applications – from compact control boxes to large switch cabinets. They operate reliably at temperatures from -20°C to +70°C and in dusty and oily environments. Their IP66 rating also makes them suitable for outdoor use.

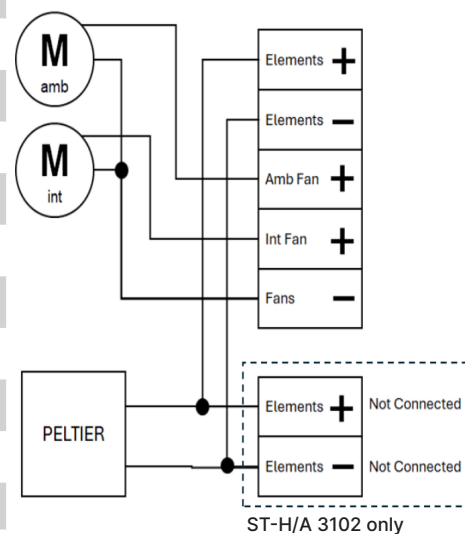
Note: Depending on the installation situation, condensate management must be taken into account separately and adjusted if necessary to ensure proper functioning.

TECHNICAL DATA

Art.-No.	920002	920102
Voltage	24V DC	
Inrush current	7,4A	
Operating current	4,8A	
Cooling capacity L35 L35	100W	
Nominal power	124W	
Recommended fuse	8A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 128 / 213m³/h Cabinet air circuit: 46 / 90m³/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))	200×305×138 (65+73)mm	302×306×141mm
Weight	5,9kg	7,4kg
Cut out dimensions	260×160mm	270×270mm
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

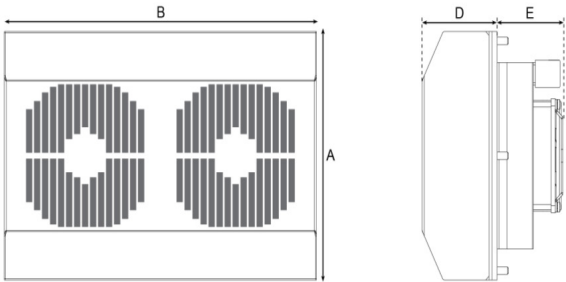


STATUS: 08|2025

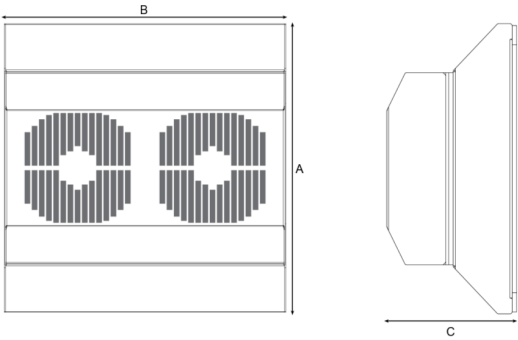
The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion. 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)**

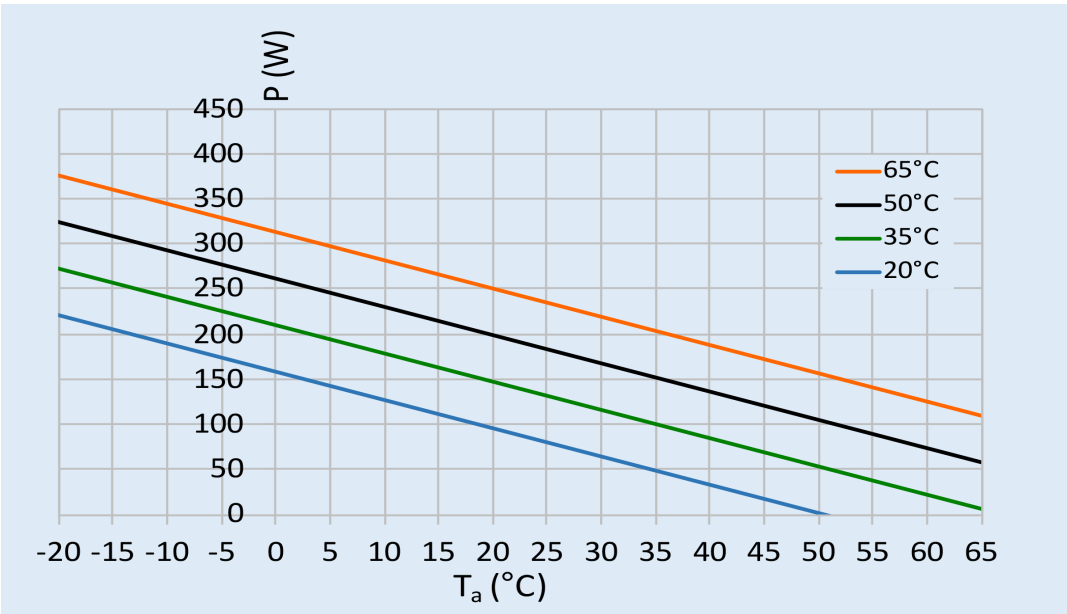
**Recessed-Version
920002**






**Wall mounted-Version
920102**



PERFORMANCE GRAPH



ACCESSORIES:

Art.-Nr.	Bezeichnung	Abbildung
920801	Peltier Condensat kit for ST3102/6155/6205	
960000	Condensation drain socket IP66	
910018	Electronic change-over thermostat / sensor	

STATUS: 08|2025

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