

## PELTIER-COOLING

### ST-H 3155 / ST-A 3155



- ▶ 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



Our ST series industrial Peltier cooling units provide efficient and environmentally friendly cooling using the Peltier effect – without the use of conventional refrigerants. The units can be mounted in any position, either as a semi-built-in or Wall-mounted version. They are suitable for a wide range of enclosure types. With outputs ranging from 30W to 800W, they cover a wide range of applications, from small control enclosures to large switch cabinets. They also function at temperatures between -20 °C and +70 °C and in environments with dust or oil. The IP66 protection rating makes them reliable for outdoor use.

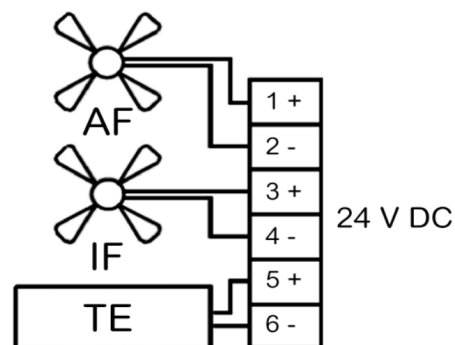
**Note:** Depending on the installation situation, condensate management must be taken into account separately and adjusted if necessary to ensure proper functioning.

## TECHNICAL DATA

Art.-No.	920014	920114
Voltage	24V DC	
Inrush current	11,3A	
Operating current	7,5A	
Cooling capacity L35 L35	125W	
Nominal power	180W	
Recommended fuse	12A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 182 / 442m³/h Cabinet air circuit: 58 / 168m³/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))	306×203×160 (86+74)mm	406×217×163mm
Weight	6,7kg	6,7kg
Cut out dimensions	260×160mm	260×160mm
Housing material <sup>1</sup>	Stainless steel AISI 304 (V2A)	
Certifications	CE, UKCA, cURus	

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

### WIRING DIAGRAM

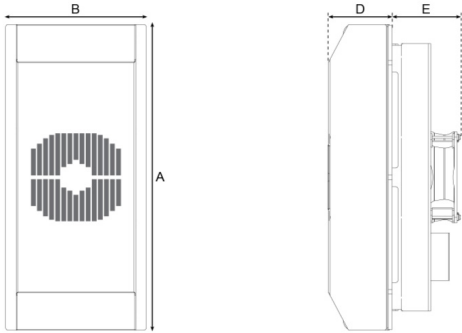


STATUS: 08|2025

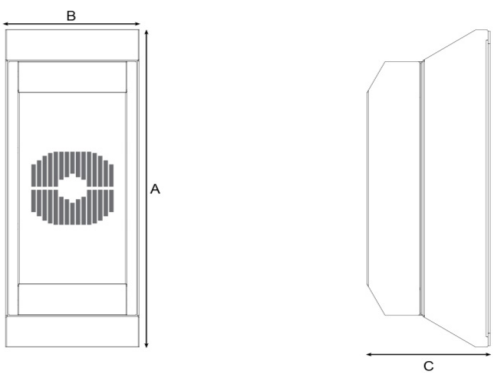
The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion.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

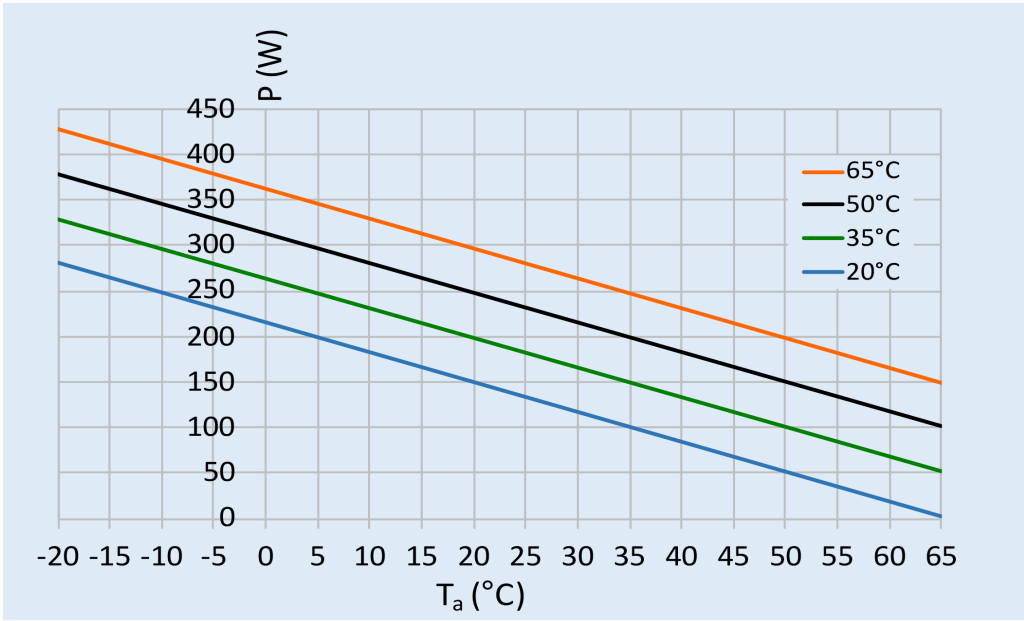
**Recessed-Version  
920014**






**Wall mounted-Version  
920114**



**PERFORMANCE GRAPH**



**ACCESSORIES:**

Art.-Nr.	Bezeichnung	Abbildung
920815	Peltier Condensat kit for ST3075/3155	
960000	Condensation drain socket IP66	
910018	Electronic change-over thermostat / sensor	

**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.