

## PELTIER-COOLING

### ST-H 6205 / ST-A 6205



- ▶ 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 Peltier cooling units offer compact, reliable cooling for industrial applications. They use the Peltier effect to cool efficiently without refrigerants. The units can be mounted flexibly, either as Wall - mounted or recessed solutions, and fit into a wide variety of housings. With a power range from 30 to 800 watts, they are suitable for numerous applications, from small control boxes to extensive switch cabinet solutions. They also operate reliably at temperatures between -20°C and +70°C and in oily or dusty environments. IP66 makes them ideal 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

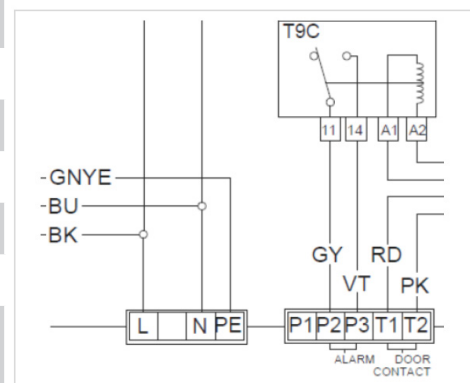
Art.-No.	920008	920108
Voltage <sup>1</sup>	230 V ~ 50/60 Hz	
Inrush current	1,7A	
Operating current	1,1A	
Cooling capacity L35 L35	200W	
Nominal power	250W	
Recommended fuse	3A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 106 / 260m³/h Cabinet air circuit: 150 / 260m³/h	
Protection type	IP66 / UL Type 12, 4, 4X	
Type of connection	4-pole power connector 5-pole connector for signals	
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))	500×333×181 (113+68)mm	500×333×187mm
Weight	17,2kg	21kg
Cut out dimensions	472×302mm	244×428mm
Housing material <sup>2</sup>	Stainless steel AISI 304 (V2A)	
Integrated control	Display of measured temperature via a display Setting options: Cooling setpoint, high temperature setpoint, low temperature setpoint	
Certifications	CE, UKCA, cURus	

(1) Part number for connection voltage 120V ~ 60 Hz on request.

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

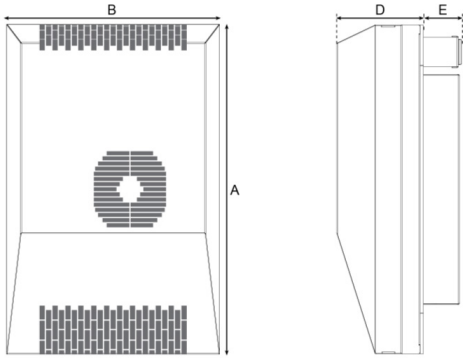
The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion.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

### WIRING DIAGRAM

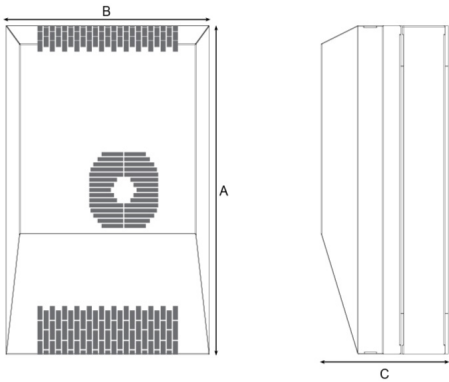


**TECHNICAL DRAWING  
(SPECIFICATION IN MM)**

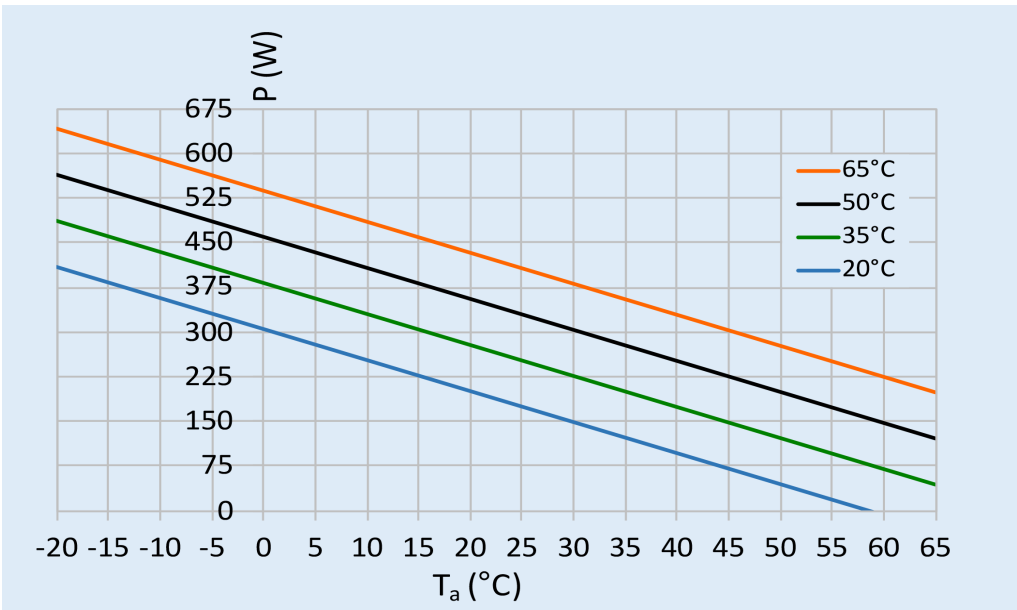
**Recessed-Version  
920008**



**Wall mounted-Version  
920108**



**PERFORMANCE GRAPH**



**ACCESSORIES:**

Art.-Nr.	Bezeichnung	Abbildung
920801	Peltier Condensat kit for ST3102/6155/6205	
960000	Condensation drain socket IP66	
940901	Door contact switch with installation plate	

**STATUS: 08|2025**

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