

## PELTIER-COOLING

### ST-H 3035 / ST-A 3035



- ▶ 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 Peltier cooling units have been specially developed for industrial applications. They are based on the Peltier effect and enable reliable, low-maintenance cooling without the use of refrigerants. The units can be flexibly mounted as recessed or Wall-mounted in almost any position and can be adapted to different housing types. With outputs ranging from 30 W to 800 W, they cover a wide range of applications – from compact control boxes to large switch cabinet solutions. They also function under difficult conditions such as dust or oil and at temperatures from -20 °C to +70 °C. Protection class IP66 makes them ideal for indoor and outdoor use.

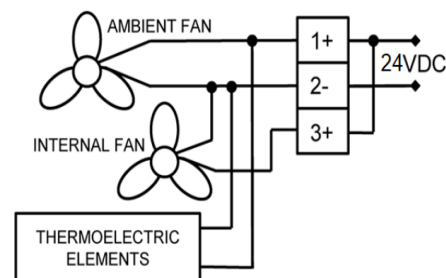
**Note:** Depending on the installation situation, condensate management must be taken into account separately and adjusted if necessary to ensure proper functioning.

## TECHNICAL DATA

Art.-No.	920012	920112
Voltage	24V DC	
Inrush current	4A	
Operating current	2A	
Cooling capacity L35 L35	30W	
Nominal power	44W	
Recommended fuse	5A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 39 / 75m³/h Cabinet air circuit: 20 / 62m³/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))	110×154×129 (62+67)mm	212×158×132mm
Weight	1,8kg	2,6kg
Cut out dimensions	122×82mm	180×128mm
Housing material <sup>1</sup>	Stainless steel AISI 304 (V2A)	
Certifications	CE, UKCA	

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

### WIRING DIAGRAM

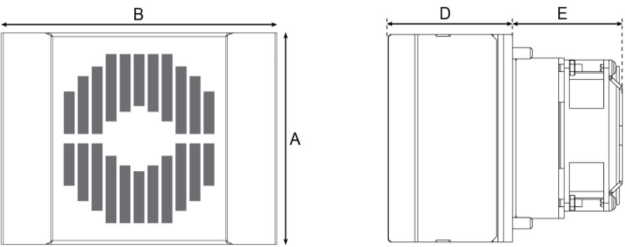


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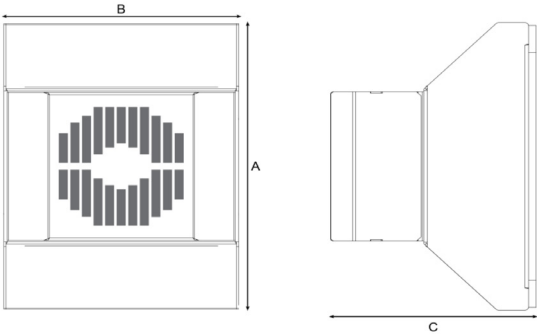
The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion.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

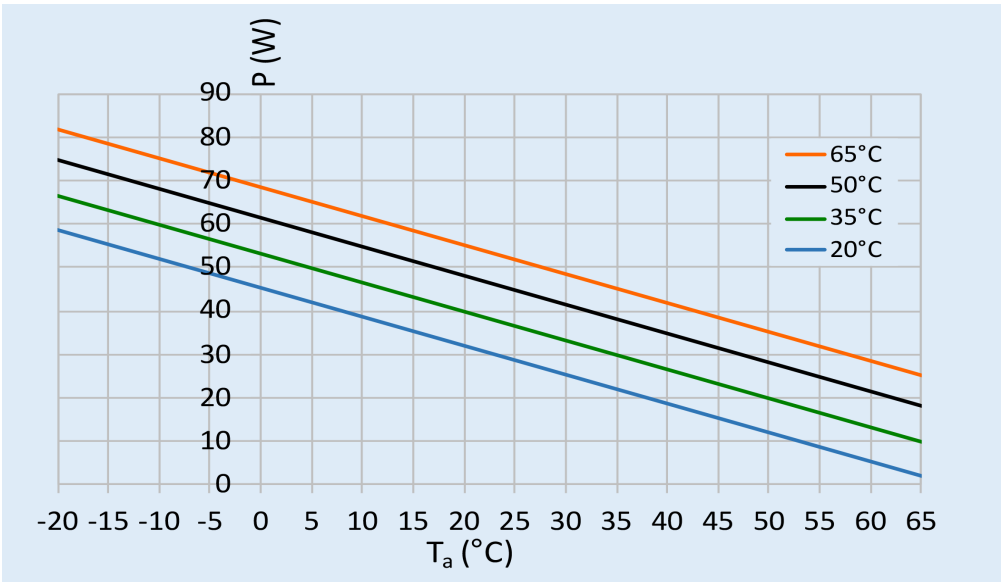
**Recessed-Version  
920012**







**Wall mounted-Version  
920112**



**PERFORMANCE GRAPH**



**ACESSORIES:**

Art.-Nr.	Bezeichnung	Abbildung
920814	Peltier Condensat kit for ST3030/3035/3050	
960000	Condensation drain socket IP66	
940901	Door contact switch with installation plate	
910018	Electronic change-over thermostat / sensor	

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