

# PROTEMP Series

Enclosure Cooling Units



NEW  
PROTEMP  
Series

## A new generation of enclosure climate control

PROTEMP enclosure tempering units are a new generation of extremely compact and efficient devices. Footprints have been reduced, geometries optimized for common enclosure types while providing even more cooling and heating capacities.

**The most powerful and yet compact design we ever developed to protect your equipment!**



Cooling capacities from 45 to 220 Watts



Refrigerant & maintenance free



Resistant to shock, vibration & movement



Outdoor & Offshore Versions



Extremely compact form factor



Retrofittable & easy integration

Our pledge:

**We provide efficient custom solutions to protect your system!**



Get in touch with our sales team!



Your application will be assessed in detail.



You'll receive comprehensive calculations according to suited norms.



A suitable solution including all relevant accessories will be setup for you.



Get your enclosure conditioning solution for optimal protection of your equipment.

## Dr. Neumann Peltier-Technik GmbH

YOUR PARTNER FOR THERMOELECTRIC SYSTEMS



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DR. NEUMANN

TECHNIK  
**Peltier**

NEW  
PROTEMP  
Series



Thermal Management

**Enclosure climate control  
for reliable protection**

Cooling, heating, dehumidification &  
environmental protection

## Standard & AC Series

Enclosure Cooling Units



### Optimal protection - Easy integration

Enclosure cooling units of the Standard and AC-series provide efficient and compact climate control for electrical enclosures. Incorporating heating and cooling capabilities: Get your enclosure ready to operate within any environment!



Cooling capacities from 50 to 480 Watts



IP67 protection



AC- & DC-voltage supplied units



Heating- & cooling operation



Refrigerant & maintenance free



Compact footprint



Resistant to shock, vibration & movement

## Outdoor & Offshore

Fit for every environment



Get your system ready for even the harshest outdoor environments: Our cooling units can be optionally equipped with salt-fog and even sand-storm-ready accessories.

## Accessories

For enclosure cooling units



### Controls & Thermostats

Thermostats & Controls enable heating and cooling operation: From easy integration to extreme precision.

### Condensate Management

Ensures condensate gets collected & extracted efficiently from the enclosure, to protect your system from damage.



### Power supplies

Reliable & high efficiency power supplies matched to your cooling solution. Available in DIN-rail and screw versions.

## PSE-Series

Enclosure Dehumidification Units



### Efficient dehumidification in demanding environments

Peltier-dehumidification units enable the active elimination of condensate within your cabinet by collecting humidity from the air with a cold trap. Resulting condensate is then collected and extracted from the cabinet.

As all our Peltier-devices DNPT dehumidifiers are maintenance-free and can withstand harshest conditions, as e.g. outdoor applications.



Dehumidification of up to 30 ml/h



Plug & Play & retrofittable integration



Integratable Control & Hygrostat



IP67 protection & outdoor-ready



Wide range of accessories