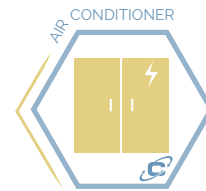


The complete and compact solutions for electrical enclosures

COMPACT PROTHERM INDOOR & OUTDOOR



Compact Protherm is the range of Cosmotec air conditioners designed for installations where a small footprint in terms of width or height is essential. These air conditioners are a complete solution thanks to their flexibility, reliability and efficiency.



Compact and Complete

Application

Available in **Indoor** and **Outdoor** version

Dimensions

Suitable for installation on electrical enclosures with a 300mm height (12") or on box with 600mm height

Cooling Capacity

Range: **up to 1000W**

Wide Power Supply Range

Available with 115V, 230V, 400/460V power supply, 208V on request

Certifications

CE, UL Listed and EAC, suitable for the world market

Efficiency

Our air conditioners guarantee high EER and excellent money savings even with compact dimensions

Extensive range of operation

Operating up to 55°C of external temperature, and set point up to 20°C (according to the model)

Dimensions:

Height: **565mm**

Width: **280mm**

Depth: **220/278mm**

Layout:

3 models CN(E/O)04, CN(E/O)07, CN(E/O)10 in only two sizes and one cut-out

Sound Pressure⁽¹⁾:

≤ 58 dBA

Temperature Limits [°C]:

Internal: 20-25⁽²⁾ / 45

External: 20 / 50-55⁽²⁾ (Indoor CNE)

-20* / 50-55⁽²⁾ (Outdoor CNO)

* -40°C on request

Electrical Heater (option CNO):

600W

(1) EN ISO 9614, 1m

(2) according to the model



Contact us
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Cosmotec Industrial Cooling

 **COSMOTEC**
INDUSTRIAL COOLING

A BRAND OF STULZ



Easy installation

- Two inserts to ensure the proper positioning of the unit
- **Quick Connections** for power supply and signals, **also for UL Listed units**
- Quick start up and testing of the components via test function

Safety

Condensate dissipating device on the indoor range in order to reduce or eliminate the output condensate water without power consumption

IP54/55, Type 12/4 protection degree between air conditioner and electrical enclosure, which ensures protection against infiltration by dust or splashing water

Hydrophilic evaporator for high efficiency and to prevent condensation drops from moving

XCB, a controller for...

Improve the protection

The electronic board, installed in the internal compartment, ensures **appropriate protection** against external agents (dust, oil, ...)

Energy Saving

Absorbed power consumption reduction thanks to the evaporator fans management

Reliability

Redundancy thanks to the sequencing function

Precise Cooling

Hot spots removal thanks to a remote probe

Remote Monitoring

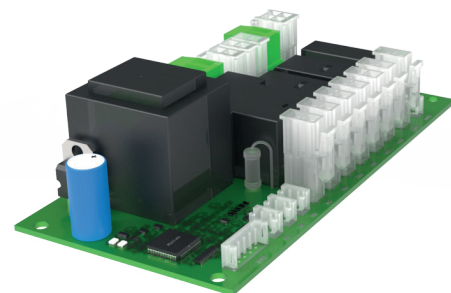
Through RS485 serial port and Modbus RTU protocol

Signal

Available an alarm (NO and NC) and remote enable / open door contacts

Heating

Optional for the whole **Outdoor range**, if the cabinet heating is needed



Food and Beverage

Compact Protherm air conditioners are the perfect solution for electrical enclosures cooling in "Food & Beverage" production plants, thanks to:

- **sloped top** (and in addition rubber caps and 30° sloped top) to allow the water runoff
- UL Listed **Nema 4x** version for a high protection degree
- **Stainless Steel housing** (optional)

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