



## Danline 401 - 1201

Indoor Air Conditioners

# Enjoy the silence of a reliable energy saver

High reliability of the cooling unit is a must in communication shelters where sensitive electronic systems require stable temperature and humidity conditions. With the new generation of electronics cooling from Dantherm you will have one less thing to worry about. Built on more than 40 years of temperature control experience, the Danline series is steady as a rock, providing you with multiple cooling solutions thanks to a new modular design.

## Reduced cost of ownership

The Danline series reduces the cost of ownership to a minimum, making it a financial sound choice – not only at the moment of purchase but in the long run. The energy savings on a Danline unit with free cooling comes to 80% with a set temperature of 27°C (compared with a traditional air conditioning unit in a central European location). Smooth operations with built-in back-up ensure impressive uptimes for your network.

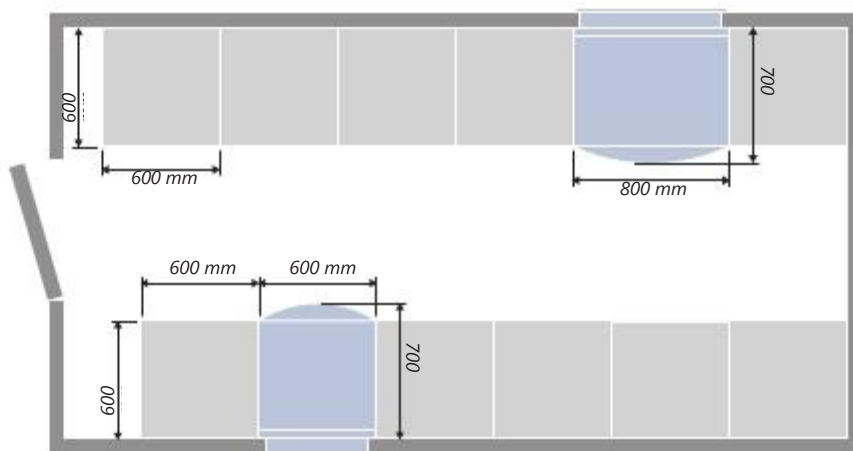
A plug & play function ensures quick and easy installation which further contributes to a reduction of the overall costs.

## Flexible installation

Danline is designed to meet many different requirements for a wide range of indoor communication shelters. Extremely flexible, the unit can be installed as a standard floor mounting or linked to the communication shelter via ducts from a separate shelter of its own.

## Service friendly

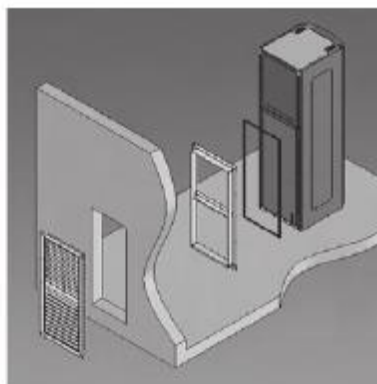
Designed to be as service friendly as possible, all of the components in a Danline unit are mounted in such a way that they ensure easy access from the front. Once the top and bottom panels have been removed, all fans and the filter can be removed without the use of tools, making the units perfect even for shelters placed in remote areas. Prewarnings from the telemonitoring system reduce possible downtimes and expand periods between service visits.



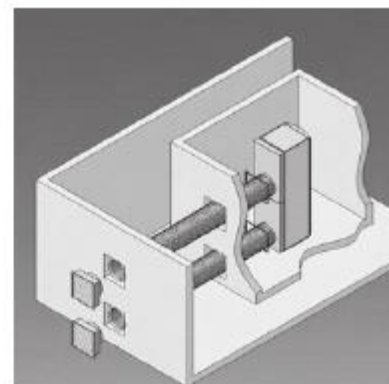
*The Danline series is designed to fit standard rack installations*

**Unique features**

- High reliability
- Low running costs
- Low sound level
- Minimal maintenance requirements
- Easy installation and high service friendliness
- Low cost of ownership



Indoor installation with ducting.



Indoor isolated shelter installation, e.g basements and under roof-top installations.

**Virtually noiseless**

In spite of the efficiency of the Danline, the noise level is surprisingly low and easily complies with environmental requirements. At Dantherm we refer to the units as "neighbour friendly" because the low noise level makes them well suited in areas where people are living close to the communication shelters.

**Product and operating range**

The Danline series can be supplied in a range of capacities between 4kW and 12.5kW and is available in most commonly used voltages. Geographically, the Danline series is applicable for ambient conditions from -40° to +55° C.

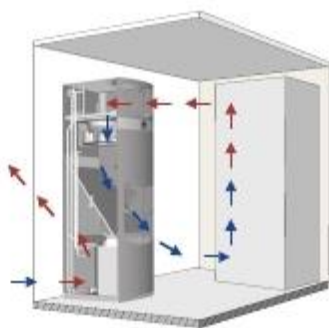
**Functionality**

Automatic switching between:

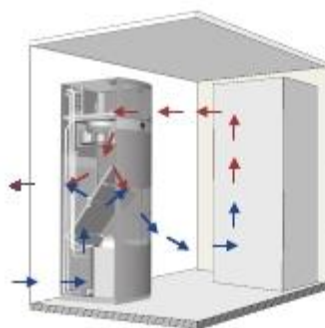
- Active cooling
- Free cooling
- Recycling
- Heating

Special modes:

- Emergency cooling
- Service mode – for comfort
- Smoke alarm shutdown
- Dehumidification circle



Active cooling



Free cooling

Product range			
	Performance kW/50Hz	Performance BTU/hour/50Hz	Dimension (HxWxD) mm
Danline 401	4,0	13.700	2.000 x 600 x 700
Danline 601	6,0	20.400	2.000 x 600 x 700
Danline 801	8,0	27.300	2.000 x 800 x 700
Danline 1001	10,0	34.000	2.000 x 800 x 700
Danline 1201	12,5	42.600	2.000 x 800 x 700



## Comfortable surroundings in any climate



Since 1958 Dantherm Air Handling has developed and produced climate control and air handling solutions that ensure optimum conditions for people and sensitive equipment alike. No climate is too extreme for us to handle – from the bitter cold at the North and South Poles to the searing heat of the Sahara.

Our core business areas are dehumidification, heating, air conditioning, heat recovery and electronics cooling. Innovative, durable and cost-efficient products have secured us a position as a leading global manufacturer of stationary and mobile climate control units. And we are forever pursuing new techniques that will improve our solutions and ultimately your projects.

Dantherm Air Handling's headquarters are situated in Denmark with subsidiaries in Norway, Sweden, the United Kingdom, the United States and China – and an extensive European dealer network.

Dantherm Air Handling is a wholly-owned subsidiary of Dantherm A/S.

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