



**Mobile Cooling**

# Keep your cool when things start heating up

Dantherm mobile cooling units for air conditioning are specially built for use by the military and relief agencies. Both these groups require equipment that operates flawlessly during long periods at maximum load under extreme weather conditions. This is why cooling units from Dantherm are preferred by a considerable number of NATO countries, UN forces and the Red Cross.

## Six advantages of Dantherm mobile cooling units

- Comfortable working and accommodation climate for staff. This provides optimal rest and revitalization in the shortest possible time.
- Cool environment for electronic equipment, so that breakdowns and other operational disturbances are avoided.
- Reliable and virtually maintenance free.
- Easy to move, set up and operate.
- Developed in close collaboration with the armed forces of several NATO countries.
- Chosen as the NATO standard, conforming to all NATO requirements and norms. All units are allocated NATO stock numbers (NSN).



ACM 5



ACM 7 MK II



ACM 18

ACM 18 CBRN

- Tactical command centres
- Communication centres
- Operating rooms
- Field hospitals
- Relief camps
- Containers



### Keep a cool head

Dantherm cooling units are ideal for cooling tents, containers and other temporary buildings. They provide a comfortable indoor climate that creates optimal conditions for difficult work that involves fast decision-making. Mobile cooling units from Dantherm are thus often used advantageously in tactical command centres, communication centres, operating rooms and for accommodation. In such environments, Dantherm cooling units ensure that electronic equipment stays cool, and they help staff keep a cool head – thus reducing the risk of critical errors.

### Heat and cold from the same unit

All of the Dantherm mobile cooling units for air conditioning can be supplied with a built-in heat source. This makes these units especially useful in geographical areas with extreme differences in day-time and night-time temperatures, such as deserts.

### Easy to transport

Dantherm mobile cooling units for air conditioning are light and compact.

They are made to be moved and re-installed in no time. Even the more stationary models, used in environments such as office, housing and technical containers, are designed for quick installation and removal. All units – including the light ones – feature either a hook for a crane or built-in glides for lifting with a fork truck. In addition, the units are stackable and easy to fasten to air-freight pallets, which make them easy to handle and transport.

### Flexible installation

All Dantherm mobile cooling units for air conditioning are easy to adapt to local conditions. Some units must be placed outside the rooms, while others are placed half inside and half outside. The separate room thermostat can always be placed anywhere in the room. The

mobile models use insulated, flexible air hoses, but can also be connected to permanent air ducts. In addition, the units can be equipped with a wide range of Dantherm accessories, which are also allocated NATO stock numbers (NSN). Available accessories include air distribution hoses with holes, ensuring the perfect distribution of cooled air throughout the room.

No tools are needed to install Dantherm mobile cooling units, except for the CBRN model - a split ACU specially designed for COLPRO applications.



Isol. hose



Isol. hose in storage bag



Thermostat

\*option with built-in electric heating

Technical data	Max. cooling (kW)	Heating* (kW)	Air flow (m <sup>3</sup> h)	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
ACM 5*	4,9	2,0	700	446	752	630	80
ACM 7 MK II*	7,6	7,2	2500	1233	916	984	190
ACM 18*	18	6/16	2500	780	1450	1140	220
ACM 18 CBRN*	18	6/16	2500	780/780	1450/1450	570/570	90/130



## 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, ventilation 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.

Our Head Office is located in Denmark, and we have companies in Denmark, Norway, Sweden, the United Kingdom, the United States and China, with an extensive European dealer network.

Dantherm Air Handling is part of the Dantherm A/S group.

### HEAD OFFICE

Dantherm Air Handling Holding A/S  
 Marienlystvej 65  
 DK-7800 Skive  
 Denmark  
 Tel.: +45 9614 3700  
 Fax: +45 9614 3800  
 E-mail: dantherm.dk@dantherm.com  
 www.dantherm-air-handling.com

### COMPANIES

#### DENMARK

Dantherm Air Handling A/S  
 Marienlystvej 65  
 DK-7800 Skive  
 Denmark  
 Tel.: +45 9614 3700  
 Fax: +45 9614 3800  
 E-mail: dantherm.dk@dantherm.com  
 www.dantherm-air-handling.com

#### NORWAY

Dantherm Air Handling AS  
 Løkkeåsveien 26  
 N-3138 Skallestad  
 Norway  
 Tel: +47 33 35 16 00  
 Fax: +47 33 38 51 91  
 E-mail: dantherm.no@dantherm.com  
 www.dantherm-air-handling.com

#### CHINA

Dantherm Air Handling (Suzhou) Co., Ltd.  
 Bldg. # 9, No. 855 Zhu Jiang Rd.  
 Suzhou New District, Jiangsu  
 215219 Suzhou  
 China  
 Tel: +86 512 6667 8500  
 Fax: +86 512 6667 8501  
 E-mail: dantherm.cn@dantherm.com  
 www.dantherm-air-handling.com



#### ENGLAND

Dantherm Air Handling Ltd.  
 12 Windmill Business Park  
 Windmill Road  
 Clevedon  
 North Somerset BS21 6SR  
 United Kingdom  
 Tel.: +44 (0) 1275 876851  
 Fax: +44 (0) 1275 343086  
 E-mail: dantherm.co.uk@dantherm.com  
 www.dantherm-air-handling.com

#### USA

Dantherm Air Handling Inc.  
 4260 Orchard Park Blvd,  
 Spartanburg  
 South Carolina 29303-4400  
 USA  
 Tel.: +1 864 595 9800  
 Fax: +1 864 595 9810  
 E-mail: dantherm.usa@dantherm.com  
 www.dantherm-air-handling.com

#### SWEDEN

Kontrollelektronik Dantherm Air Handling AB  
 Virkesgatan 5  
 SE-614 31 Söderköping  
 Sweden  
 Tel.: +46 (0) 121-130 40  
 Fax: +46 (0) 121-133 70  
 E-mail: info@kontrollelektronik.se  
 www.kontrollelektronik.se