



Mobile Cooling

Keep your cool when things start heating up

Dantherm mobile air conditioning units 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.

Keep a cool head

Dantherm air conditioning units are ideal for cooling tents, containers and other temporary buildings. They provide a comfortable indoor environment, optimal for making fast decisions.

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 at operating temperatures, and they help staff keep a cool head – thus reducing the risk of critical errors.

Seven advantages of Dantherm mobile cooling units

- Comfortable working and accommodation environment for staff. This provides optimal rest and revitalization in the shortest possible time.
- Cool environment for electronic equipment, so that down time 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).
- Fresh air supply on most units to ensure sufficient air change.



ACM 5 MK II mounted in trap door system.



ACM 5



ACM 7 MK II



ACM 11



ACM 18



ACM 18 CBRN

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



Container cooling with ACM 5.



Tent cooling with ACM 18.

Heating and cooling from the same unit

All of the Dantherm mobile air conditioning units 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 air conditioning units 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 pockets 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 air conditioning units 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.

Wide range of accessories

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 plenums, ensuring the perfect distribution of cooled air throughout the room.

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

Accessories:



Insul. flex. hoses, also available in sand colour.



Flex. hose in storage bag, also available in sand colour.



Thermostats.



Filters.



Air distribution plenums.

*option with built-in electric heating

Technical data	Max. cooling (kW)	Heating* (kW)	Air flow (m ³ /h)	Height (mm)	Length (mm)	Width (mm)	Weight (kg)
ACM 5*	4,9	2	700	446	752	630	80
ACM 5 MK II*	4,7	2	900	482	755	666	80
ACM 7 MK II*	7,6	7,2	2500	1233	916	984	190
ACM 11*	12	8	1700	735	1140	1140	165
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
 Tlf.: +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
 Tlf.: +45 9614 3700
 Fax: +45 9614 3800
 E-mail: dantherm.dk@dantherm.com
 www.dantherm-air-handling.dk

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.no

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.cn



UK

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.co.uk

USA

Dantherm Air Handling Inc.
 110, Corporate Drive
 Suite K, Spartanburg
 South Carolina 29303
 USA
 Tel: +1 864 595 9800
 Fax: +1 864 595 9810
 E-mail: dantherm.usa@dantherm.com
 www.dantherm-air-handling.com

SWEDEN

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: infose@dantherm.com
 www.dantherm-air-handling.se