

**Dantherm**<sup>®</sup>  
CLIMATE SOLUTIONS



## **ACT 7 MOBILE AIR-CONDITIONER**

FOR FAST AND EFFICIENT TEMPORARY COOLING

DANTHERMGROUP

# PORTABLE COOLING

## MOBILE AIR-CONDITIONER

When in need of temporary small-scale cooling, an efficient and easily implemented solution is required. The ACT 7 mobile water-cooled air-conditioner can deliver efficient cooling in a matter of minutes with no cooling knowledge or special training required to install the unit.

### Ideal for rental companies and event organisations

Whether the requirement is to cool down a retail space, marquee, warehouse or even an office where the existing air-conditioning system has broken down, the ACT 7 will get the job done. With its robust and lightweight build, it is ideally suited to withstand the wear and tear characterising the rental market.

### Whole-room cooling

In contrast to most air-cooled units, the ACT 7 will provide whole-room cooling without the need to continually exhaust internal air.

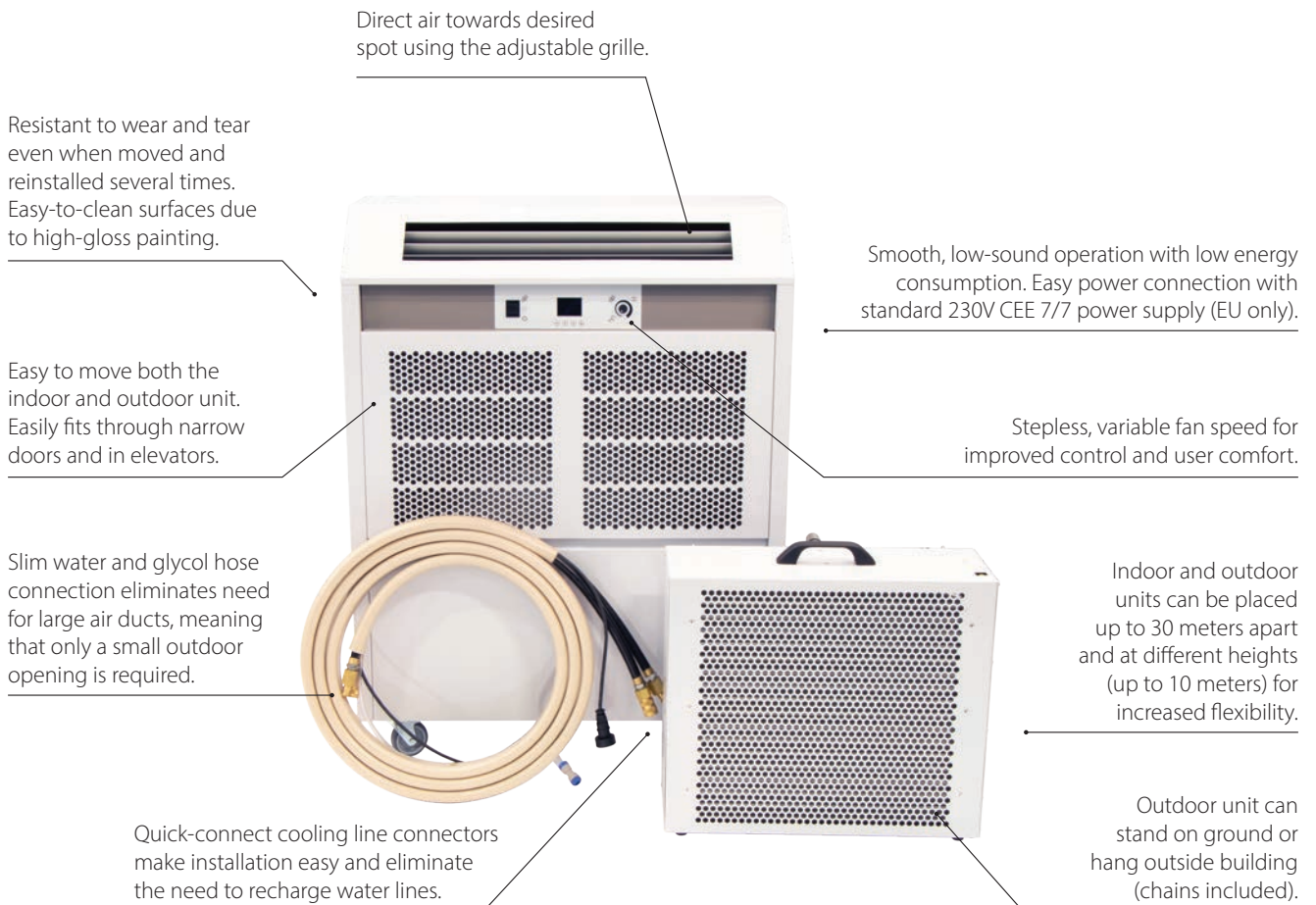
In addition, the unit does not require mounting of an exhaust air duct to an outside wall. Getting the ACT 7 up and running is simply a matter of connecting the cooling line connectors to the outdoor heat rejection unit.

### Benefits

- Sturdy metal construction
- High-efficiency cooling circuit
- Can be installed without prior training
- Quick-connect cooling line connectors
- Indoor unit with step-less variable fan speed and adjustable grille
- Up to 30 meter installation distance between indoor and outdoor units
- Slim water and glycol hose connection eliminates need for large air ducts

### Accessories:

- 5 or 15 meter connection hoses (max total of 30 meters per unit)
- T-split for connection of two outdoor units to one indoor unit for extended operational range  $\geq 40^{\circ}\text{C}$
- Duct spigot kit
- Forklift guides



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### How it works

The ACT 7 absorbs the heat into a refrigerant cooling system. From there, the heat is transferred to the self-containing chilled water/glycol system. It is then pumped through to the outdoor unit where the water is cooled and the heat dissipates.

The indoor unit is connected to the outdoor unit via two 22mm quick-connect, self-sealing flexible hoses. These hoses are supplied in 5m or 15m lengths and can be connected to a maximum length of 30m.

### Control panel

#### A: Cooling mode switch

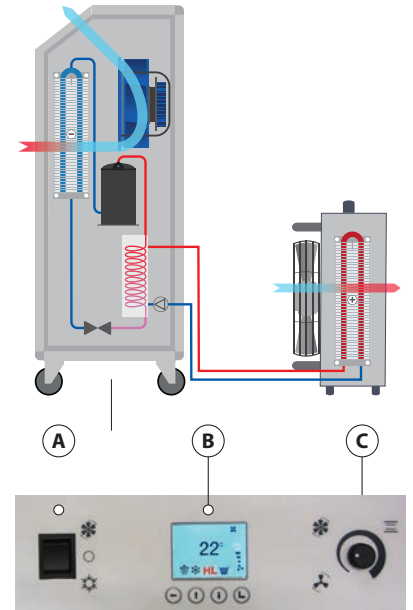
Select either 'recirculation' or 'air-conditioning' mode. In 'air-conditioning' mode, the electronic thermostat automatically controls the room temperature at the cooling set point from 8°C to 35°C.

#### B: LCD display panel

Shows the actual and set point temperature, operation modes and equipment status including any alarms. The cooling set point can be adjusted using the display.

#### C: Fan speed control dial

Stepless adjustment of air flow for maximum comfort.



ACT 7 control panel

Specifications	Units	ACT 7 (EU)	ACT 7 (UK)
Operating range – inside temperature	°C	8-35	8-35
Operating range – outside temperature	°C	0-40	0-35
Air flow internal (stepless variable)	m <sup>3</sup> /h	930 -1310	930 -1310
Power supply	V/Hz	230/1ph/50	230/1ph/50
Fuse	A	16	13
Nominal running current	A	11.2	11
Nominal power consumption	kW	2.6	2.5
Cooling capacity	kW	7.0	7.0
Sound level at 3m distance (max. speed)	dB(A)	56	56
Product size (h x w x d)	mm	1070 x 852 x 420	1070 x 852 x 420
Weight – indoor unit	kg	117	117

### Applications



Small workshops



Fitness rooms



Industrial kitchens



Offices



Outdoor unit



Two outdoor units and one indoor unit for extended operational range

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