

DANTHERMGROUP

PROFESSIONAL PORTABLE
COOLING SOLUTIONS

FOR AGRICULTURE, COMMERCIAL BUILDINGS, EVENTS, WAREHOUSES,
FACTORIES AND RENTAL COMPANIES

Dantherm[®]
CLIMATE SOLUTIONS

TROTEC
CLIMATE SOLUTIONS

MASTER
CLIMATE SOLUTIONS

CCX 4.0



CCX 4.0



CCX 4.0 control panel



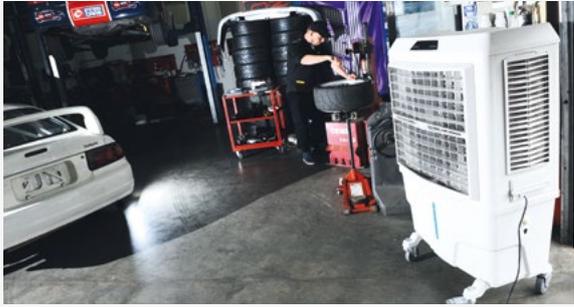
- Attractive compact design
- Low installation, running and maintenance costs
- Remote control for easy operation
- Different settings and running features
- Handles to easily carry the unit
- Wheeled units with integrated water tank for multiple applications
- Long uninterrupted running time without the need to refill water
- Ionizer to improve air quality
- Low-noise level making it ideal for terraces

Specifications	Units	CCX 4.0
Cooling pad	dm ³	40
Air flow	m ³ /h	4,000
Maximum area	m ²	80
Power consumption	W	150
Power supply	V/Hz	230/1ph/50
Rated current	A	1.45
Fan speed		3
Outlet versions		Front
Water consumption	l/h	5-10
Tank capacity	l	50
Direct water connection	inch	Yes
Tank level control		Yes
Sound level	dB(A)	67
Product size (l x w x h)	mm	640 x 450 x 1160
Box size (l x w x h)	mm	650 x 550 x 1160
Weight (without/with water)	kg	22/72
Pallet	pcs	2

BC 80



BC 80



- Easy to move on wheels – ideal for rental
- Flaps can swing automatically
- No installation required – connect to water hose or refill tank and enjoy cool air
- Eco-friendly: no compressor, no gas, very low energy and water consumption
- Ionizer to improve air quality – the cooler refreshes and cleans the air of fumes, dust and odours
- Remote control to easily find your ideal cooling modus
- Air filters to ease maintenance

Specifications	Units	BC 80
Cooling pad	dm ³	70
Air flow	m ³ /h	8,000
Maximum area	m ²	180
Power consumption	W	330
Power supply	V/Hz	230/1ph/50
Rated current	A	1.5
Fan speed		3
Outlet versions		Front
Water consumption	l/h	8
Tank capacity	l	100
Direct water connection	inch	½
Tank level control		Yes
Sound level	dB(A)	62
Product size (l x w x h)	mm	500 x 850 x 1410
Box size (l x w x h)	mm	520 x 870 x 1310
Weight (without/with water)	kg	32/132
Pallet	pcs	2

Portable air coolers
BC 121-BC 221



BC 121

PATENT



BC 221

PATENT



- Efficient and durable spot cooler for industrial applications
- Quiet running even with large air-flow
- Automatic swing function as standard
- Large water tank for longer operating hours
- Large, durable wheels with brakes allow easy movement
- Connect water hose or refill tank manually
- Corrosion-resistant plastic casing
- Air filter included to enable easy maintenance
- Remote control to easily adjust speed
- UV lamp, disinfecting the water (included)
- Water level indicator

Optional accessories



Winter cover
 BC 121- **4250.414**
 BC 221- **4250.415**

Specifications	Units	BC 121	BC 221
Cooling pad	dm ³	80	120
Air flow	m ³ /h	12,000	22,000
Loaded air flow	m ³ /h	8,000	15,000
Maximum area	m ²	250	330
Power consumption	W	500	800
Power supply	V/Hz	220-240/1ph/50	220-240/1ph/50
Rated current	A	2.3	3.7
Water consumption	l/h	8-10	12-18
Tank capacity	l	60	120
Direct water connection	inch	½	½
Sound level	dB(A)	67	67
Product size (l x w x h)	mm	1050 x 600 x 1460	1230 x 640 x 1730
Box size (l x w x h)	mm	1120 x 680 x 1650	1300 x 720 x 1930
Net/gross weight	kg	50/55	64/69
Pallet	pcs	1	1

BC 341



BC 341

PATENT



- Powerful air volume 30,000 m³/h to cool large working areas
- No installation, no duct work required
- Low running costs
- Easy to maintain
- Evaporative filter pads, blocking dirt
- UV lamp, disinfecting the water (included)
- Low energy consumption
- Applications: Workshops and warehouses, plastic, glass, assembly and painting plants, agriculture, greenhouses and aircraft hangars
- Tank level control

Optional accessories



Winter cover
BC 341- 4250.416

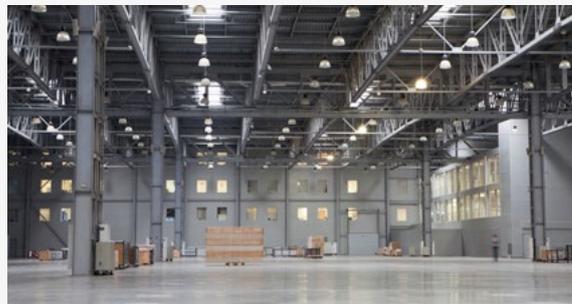
Specifications	Units	BC 341
Cooling pad	dm ³	340
Air flow	m ³ /h	30,000
Loaded air flow	m ³ /h	23,000
Maximum area	m ²	400
Power consumption	W	1,050
Power supply	V/Hz	220-240/1ph/50
Rated current	A	4.9
Water consumption	l/h	10-15
Tank capacity	l	200
Direct water connection	inch	½
Sound level	dB(A)	70
Product size (l x w x h)	mm	1690 x 920 x 1910
Pallet size (l x w x h)	mm	1000 x 1800 x 2100
Net/gross weight	kg	130/140
Pallet	pcs	1

BC 451



BC 451

PATENT



- Powerful air volume 38,000 m³/h to cool large working areas
- No installation, no duct work required
- Low running costs
- Easy to maintain
- Evaporative filter pads, blocking dirt
- UV lamp, disinfecting the water (included)
- Low energy consumption
- Applications: Workshops and warehouses, plastic, glass, assembly and painting plants, agriculture, greenhouses and aircraft hangars
- Tank level control

Specifications	Units	BC 451
Cooling pad	dm ³	400
Air flow	m ³ /h	38,000
Loaded air flow	m ³ /h	29,000
Maximum area	m ²	520
Power consumption	W	1,300
Power supply	V/Hz	120-230/50-60
Rated current	A	4-8
Water consumption	l/h	12-18
Tank capacity	l	300
Direct water connection	inch	½
Tank level control		Included
Sound level (max.)	dB(A)	80
Product size (l x w x h)	mm	2250 x 1100 x 1900
Box size (l x w x h)	mm	2400 x 1200 x 2000
Net/gross weight	kg	180/200
Pallet	pcs	1

BCB 19



BCB controller

- Axial fan with optional ducting for cool air
- Made of robust UV resistant plastic
- Easy to move – functional wheels
- Diffuser on top – upper exit
- LCD remote control with 7.5m cable
- Infrared remote control
- 12-speed fan, adjustable to create ideal climate
- Long-life cooling pads
- Automatic: self-cleaning, self-draining, self-drying when the cooler is inactive
- External filter included to protect against dust and dirt from the environment
- Prevention system against Legionella, algae, fungus, etc.
- Ideal for well-ventilated spaces like party and event tents
- Plug-and-play principle, connect water and enjoy cool air
- Ideal for rental purposes
- Very low energy consumption

BCB 19

Specifications	Units	BCB 19
Cooling pad	dm ³	220
Cooling pad	cm	79 x 70 x 10
Air flow	m ³ /h	18,000
Maximum air pressure	Pa	200
Maximum area	m ²	250
Power consumption	W	1.1
Power supply	V/Hz	230/1ph/50
Air exit		Top
Fan type		Axial
Fan speed		12
Protection		IP44
Water consumption	l/h	10-15
Tank capacity	l	250
Sound level	dB(A)	66
Water input/drain	inch	½ and 1
Dimensions air exit	cm	64 x 45
Product size (l x w x h)	mm	1100 x 1100 x 1850
Box size (l x w x h)	mm	1150 x 1150 x 2000
Net/gross weight	kg	75/85
Pallet	pcs	1

ACD 137



ACD 137 PATENT

- High capacity air-conditioning cold air: 24,000 BTU/h (equal to 7.1kW) with just 1.98kW electrical supply
- High capacity dehumidifying dry air: 130 l/day water collection with just 1.98kW electrical supply
- Ducting connections
- Powerful and quiet fans
- Compact, lightweight and easy to install
- Heavy-duty casters
- Ideal for emergency and temporary solutions – quick deployment for tents and mobile hospitals
- Portable spot air-conditioning for a wide range of applications like workshops, data centres, offices, retail

Included in the box



Twin adjustable hoses



Fix connector for flex tube

Optional accessories



Flex tube for cold air
Ø305mm, 3m, PVC
4515.572



Flex tube for cold air
Ø305mm, 3m, insulated
4515.370
Ø305mm, 7.6m, nylon
4515.360



Thermostat TAC for cooling - 4250.318



Air inlet plenum
Ø300mm - 4250.319

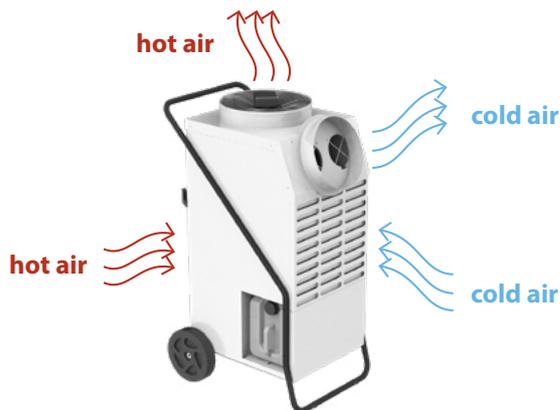
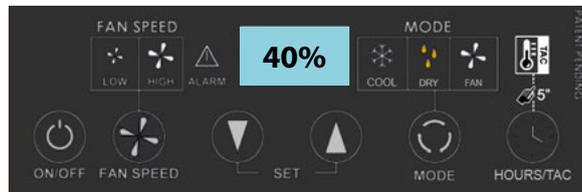
Specifications	Units	ACD 137
Cooling capacity (28°C/55% RH)	kW	7.1
	Btu/h	24,000
Drying capacity (30°C/80% RH)	l/24h	130
Air flow	m ³ /h	1,020/800
Operating temperature range	°C	10-42
Nominal power supply (28°C/55%)	W	1980
Nominal current (28°C/55%)	A	10
Max. current	A	14
Power supply	V/Hz	220-240/1ph/50
Sound level	dB(A)	55
Refrigerant		R1234YF A2L
Hot air outlet	mm	400
Cold air outlet (2-ways, standard)	mm	2 x 135
Cold air outlet (1-way)	mm	300
Product size (l x w x h) with handle	mm	790 x 620 x 1326
Box size (l x w x h)	mm	580 x 700 x 1500
Weight	kg	98

ACD 137



ACD 137 is an innovative portable device with multiple use:

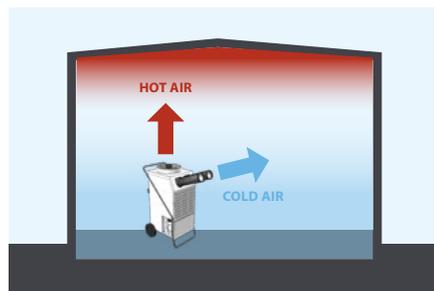
- Air-conditioner cold air: 7.1 kW. Electric supply just 1.98 Ⓢ
- Air dehumidifier dry air: 130 l/day water collection
- Fan air ventilation



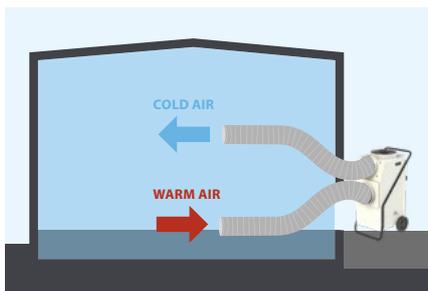
The control panel allows to select three modes:

- Air-conditioner (cooling mode)
- Air dryer (drying mode)
- Air ventilation (fan mode)

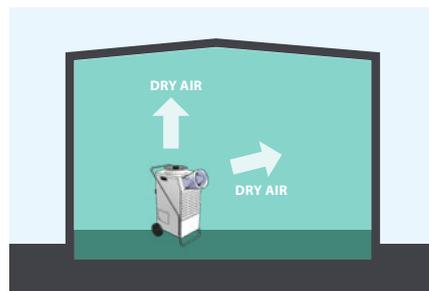
Cold and hot air circulate on the same side of ACD 137. This solution increases the efficiency of the cooling.



SPOT COOLING. Placed into a room the cold air is blown towards the target (for example an electronic device that needs cooling down) and the hot air is blown upwards.



ROOM COOLING. The ACD 137 is placed outside a small room. The air is recirculated. The TAC room thermostat is placed inside the room to control the temperature.



ROOM DRYING. With the ACD 137 placed inside the room the dry air is blown around the room. The humidity removed from the air is collected into a tank.



AC 7000



AC 7000

- 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 metre installation distance between indoor and outdoor units
- Slim water and glycol hose connection eliminates need for large air ducts

The AC 7000 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 10m lengths and can be connected to a maximum length of 30m.



Control panel



Additional ventilation functions

Specifications	Units	AC 7000
Cooling capacity at 25°C	kW	6.5
Cooling capacity at 25°C	Btu/h	22,178
Max. cooling capacity	kW	7
Max. cooling capacity	Btu/h	23,884
Air flow rate level min.	m ³ /h	800
Air flow rate level max.	m ³ /h	1500
Outdoor operating temperatures (min)	°C	-5
Mains connection	V/Hz	230/1ph/50
Power input	W	2950
Nominal current consumption	A	9
Recommended fusing	A	13
Compressor refrigerant	-	R454C
Compression GWP factor		148
Product size (l x w x h)	mm	400 x 880 x 1025
Weight	kg	114

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