



MOBILE
COOLING AND DRYING

Air-conditioners and dehumidifiers

ABOUT THE DANTHERM GROUP

Control your climate

The Dantherm Group is a leading provider of climate control products and solutions. The group companies have more than 60 years of experience in designing and manufacturing high quality and energy efficient equipment for heating, cooling, drying and ventilation for a wide range of mobile and fixed applications.

Every year Dantherm uses significant resources on product development to stay in the forefront and are constantly adapting the products to changing market demands and legislation.

AERIAL®

 **calorex**

Dantherm®

MASTER®
CLIMATE SOLUTIONS

The Dantherm Group has a number of strong brands with well established market positions in the mobile, pool, commercial/industrial and residential markets.

Dantherm customers benefit from our comprehensive knowledge base and the experience and expertise that we have gained from more than three million climate control products and solutions sold worldwide.

Global reach

The Dantherm Group is headquartered in Skive, Denmark and has an own market presence in Norway, Sweden, United Kingdom, Germany, Switzerland, Italy, Spain, Poland, Russia, China and United Arab Emirates.

In 2016 the Dantherm Group was acquired by the Swedish equity fund Procuritas Capital Investors V LP – a strong owner with the ambition to continue the development and growth of the company.

CALOREX MOBILE PRODUCTS

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PORTABLE AIR-CONDITIONING COMMERCIAL



ACT 7



The hex unit features a speed controlled EC fan (non-UK only) that automatically adjusts to differing outside air temperatures so that the ACT 7 is always operating at its best efficiency.

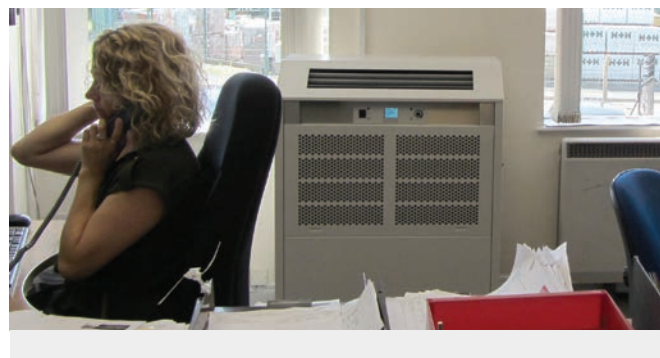
Accessories



Additional 5m or 15m line sets (maximum length 30m per unit)
Duct spigot kit

Specifications	Units	ACT 7	ACT 7 (UK)
Performance*			
Cooling capacity	kW	7.0 (max.)	7.0 (max.)
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
Air flow (variable)	m³/h	930-1310	930-1310
Sound level @ 3m	dB(A)	53	53
Operating range (room)	°C	0-35	0-35
Operating range (outdoor)	°C	0-40	0-35
Product size (h x w x d)	mm	1070 x 852 x 420	1070 x 852 x 420
Weight	kg	117	117

* Outside conditions 28°C/60% RH



Features

- Cooling capacity of up to 7.0kW @ 28°C/60% RH room, 28°C outside air temperature
- High efficiency cooling circuit
- Quick connect cooling line connectors – provides easy installation, without the need to recharge water lines
- Compact outdoor heat exchanger
- Outdoor heat exchanger with automatically adjusting variable speed EC fan, for high and low temperature environments (non-UK only)
- Variable indoor unit fan speed and adjustable air outlet grille
- Peristaltic pumped condensate with 30m head and high level alarm
- Castor mounted, rugged metal construction
- Up to 30m installation distance between indoor unit and heat rejection unit
- R407C refrigerant
- True air-conditioning without the exhaust air gains associated with exhaust tube units

Options

- Forklift guides

Applications

- Rental companies
- Event organisations
- Corporate hospitality specialists
- Data centres and server room cooling
- Facility management companies
- Utility companies
- Retail premises
- Temporary cold room cooling





AIR-CONDITIONING INDUSTRIAL



ACT 35



Features

- High capacity space chiller
- Rapid installation and flexibility of positioning
- No external refrigerant connections required
- No external ventilation or ductwork to exterior required
- Fully automatic operation
- Robust construction
- Ducted cool air when required
- Ideal for locations requiring a low temperature storage facility

Applications



- Food packing and process areas
- Factories and workplaces
- Industrial processes
- Warehouses storing perishable goods
- Emergency back-up for cold stores
- High capacity cooling for social events

Specifications	Units	ACT 35
Power supply	V/Hz	380-415/3ph/50
Starting current	A	135
Max. running current	A	37
Min. generator required	KVA	30
Product size (indoor) (w x d x h)	mm	1730 x 1250 x 1600
Weight	kg	497
Product size (outdoor) (w x d x h)	mm	1196 x 1032 x 1616
Weight	kg	360



PORTABLE REFRIGERANT DEHUMIDIFIERS

CONSTRUCTION AND RENTAL



PD 300



PD 600

Options

- Condensate pump kit, humidistat, hours-run meter



Features

- Robust
- Easy to use
- Can be cleaned by jet-wash
- Operation in temperatures down to 3°C – hot gas defrost supplied with units
- Dual voltage – units can be supplied with 110/240 volt option
- Non-marking wheels – no tyre marks left on floors

Applications

- Building industry, restoration work
- Moisture removal in new houses
- Drying during construction
- Water removal after painting



Specifications	Units	PD 300	PD 600
Maximum capacity	l/24h	53	100
Capacity (20°C/70% RH)	l/24h	31	59
Capacity (30°C/80% RH)	l/24h	46	70
Air flow	m ³ /h	380	750
Power supply (AX model)	V/Hz	230/1ph/50	230/1ph/50
Dual voltage option (AJX model)	V/Hz	110/230/1ph/50	110/230/1ph/50
Recommended size of dual voltage transformer	VA	800	1400
Recommended supply fuse	A	13	13
Nominal power consumption	kW	0.65	1.07
Product size (h x w x d)	mm	850 x 510 x 480	1020 x 630 x 585
Weight	kg	45	65



REFRIGERANT DEHUMIDIFIERS

INDUSTRIAL



PD 1500



Features

- Plastisol coated galvanised steel cabinet
- Self contained with fully automatic operation
- Integral humidistat
- Polyester coated evaporator and condenser
- Usable from 3°C
- Ultra-powerful compressor
- High lift condensate pump
- Hot gas defrost for low temperature operation
- In-built transformer so power supply neutral not required
- Service-optimised construction for quick cleaning and inspections
- Suitable for connecting to ducted air systems
- Easily exchangeable and washable air filter

Applications

- Industrial and commercial
- Preservation
- Sewage treatment, waterworks
- Agriculture
- Data centres



Specifications	Units	PD 1500
Maximum capacity	l/24h	300
Capacity (20°C/60% RH)	l/24h	100
Capacity (30°C/80% RH)	l/24h	220
Air flow	m ³ /h	2500
Sound level @ 3m	dB(A)	58
Supply (no neutral required)	V/Hz	400/3ph/50
Power input	kW	2.7
Nominal power consumption	A	6.75
Recommended fusing	A	16
Required starting current	A	30
Recommended room size construction drying	m ³ /m ²	1700/600
Product size (l x w x h)	mm	1100 x 700 x 1313
Weight	kg	130

