



MOBILE AIR CONDITIONING

AC 7000 & AC 15000 SERIES

IDEAL FOR OFFICE SPACES, DATA CENTRES, RENTAL ENVIRONMENTS,
TEMPORARY EVENTS, TENSILE STRUCTURES, TENTS AND MORE

AC 7000 & AC 15000

Got heat problems?

Across industries, many organisations face situations where temperatures rise beyond what people, products or equipment can tolerate. Fixed cooling systems are not always available, not always allowed, not viable, or cannot respond fast enough.

The impact can be immediate:

- **Warehouses and production areas** overheat during long shifts or when storing heat-sensitive materials. Even brief temperature spikes can spoil stock or slow operations.
- **Server rooms** – and temporary setups such as event-based or multi-room installations – can rise in temperature within minutes during maintenance or if a fixed system struggles or fails.
- **Food handling and distribution** must stay below defined limits to avoid spoilage, comply with regulations, and maintain a flexible cooling solution across the full cold chain.
- **Offices, shops, guest spaces, and historic buildings** under preservation orders need quiet, compact cooling where permanent systems are restricted.
- **Hotels, restaurants, events, tents and temporary structures** require fast, movable cooling that works anywhere.



Here is the solution!

Powerful cooling for demanding environments

The mobile AC 7000 and AC 15000 air conditioners are built for exactly these moments — delivering reliable, high-capacity cooling that can be deployed quickly, placed flexibly and used in demanding or temporary environments.

Both units are true portable split systems preventing potentially contaminated air being blown into the building. No specialist installation is required. Quick-connect, lockable hose couplings allow for fast setup, even by non-technical personnel.

Other key mobility features include:

- Transport handles and heavy-duty wheels
- Forklift handling capability
- Standard 10 m hose length, extendable up to 30 m
- Up to 8 m vertical separation between units

The robust metal construction supports use in industrial and rental environments. Cleanable inlet air filters allow operation in dusty areas such as factories and workshops.



AC 7000 & AC 15000



Minimal noise and maximum energy efficiency

Both air conditioners use EC fan technology with automatic speed control. The indoor unit adjusts fan speed based on the difference between the set temperature and the actual room temperature. This reduces energy consumption and prevents unnecessary noise. It maintains a stable and comfortable indoor climate. The outdoor unit also adjusts fan speed according to ambient temperature. This supports efficient and stable operation in changing weather conditions.



Reliable operation in all seasons and real peak situations

To ensure correct operation at both low and high outdoor temperatures, the outdoor fan includes intelligent speed control to protect the refrigeration circuit in cold weather. Without this function, the system could over-condense in winter. This may lead to compressor reliability issues and nuisance tripping. The AC 7000 can operate in outdoor temperatures from -5°C to 43°C, the AC 15000 from -5°C to 47°C. This makes them suitable for demanding environments and year-round use.



Remote control, compliance and easy installation

The AC 7000 and AC 15000 include a comprehensive status reporting system. This enables fast diagnostics and simplifies maintenance. The units comply with F-Gas Regulation requirements and use environmentally friendly refrigerants. This supports long-term regulatory compliance and helps manage future costs. Both models can be controlled and monitored remotely via a mobile app. Multiple units can be managed at the same time. Installation is straightforward thanks to quick-connect cooling line connectors and a robust metal construction. No specialist training is required to put the units into operation.

App control - the Dantherm Control App

The AC 7000 and AC 15000 units can be operated using the free Dantherm Control App. The app provides simple and reliable control of the air conditioners from anywhere via bluetooth or cloud server.

Key features include:

- **Bluetooth control** for direct connection to your unit
- **Remote control via cloud server** after user registration
- **Control of multiple units** at the same time
- **Temperature adjustment and fan speed selection**
- **Timer function** for automatic start and stop
- **Weekly plan setup** for scheduled operation

The same app and user account can be used for both the AC 7000 and the AC 15000, providing a consistent and convenient user experience across products.



Bringing comfort in many situations

Heat waves and peak loads

- Supports primary cooling systems during extreme temperatures
- Provides additional capacity when central systems reach their limits
- Suitable where permanent installation is not desired/possible

System failure or maintenance

- Temporary cooling during breakdown of the main system
- Immediate response to avoid operational downtime

Temporary buildings and structures

- Cooling for marquees, site offices and event spaces
- Ideal where permanent systems are not viable

Typical applications

- Commercial spaces
- Data centre server rooms
- Events/Backstage
- Fitness centres and sports facilities
- Food handling and distribution
- Historic buildings under preservation order
- Hotels and restaurants
- Offices and shops
- Rental companies
- Tents and temporary structures
- Warehouses and industrial facilities



AC 7000



- Sturdy metal construction
- High-efficiency cooling circuit
- Cooling capacity of up to 7kW
- Air flow rates ranging from 800 to 1450m³/h
- Operating temperatures as low as -5°C
- Can be installed without prior training
- Quick-connect cooling line connectors
- Indoor unit with 6-step variable fan speed and adjustable grille
- Remote control via app
- Up to 30 metre installation distance between indoor and outdoor units
- Slim water and glycol hose connection eliminates need for large air ducts

Delivered with:

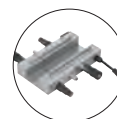
- 1 x Indoor unit
- 1 x Outdoor unit
- 1 x Standard hose set and cable for electrical connection of indoor and outdoor units
- 1 x Power cable (for indoor unit)

The AC 7000 is a mobile air conditioner with split cooling circuits and it is ideally suited for professional room cooling and spot cooling. It also offers the option of circulating and cooling the room air. Operated via the intuitive control panel, the whisper-quiet unit is very easy to use. The EC fan automatically slows down when approaching the set temperature, thereby reducing both energy consumption and noise.

Optional accessories



Heavy-duty hose set
10m
1.210.000.137



PlanoAC under-door connector
1.210.000.107



AC 15000



- Sturdy metal construction
- High-efficiency cooling circuit
- Cooling capacity of up to 18kW
- Air flow rates ranging from 2,000 to 3,450m³/h
- Operating temperatures as low as -5°C
- Can be installed without prior training
- Quick-connect cooling line connectors
- Indoor unit with 6-step variable fan speed and adjustable grille
- Remote control via app
- Up to 30 metre installation distance between indoor and outdoor units
- Slim water and glycol hose connection eliminates need for large air ducts

Delivered with:

1 x Indoor unit

1 x Outdoor unit

1 x Standard hose set and cable for electrical connection of indoor and outdoor units

The AC 15000 is a mobile air conditioner with split cooling circuits and it is designed for demanding environments. It delivers up to 18 kW of cooling capacity and operates in outdoor temperatures up to 47°C as standard, and up to 50°C under specified conditions.

It does not require installation by a refrigeration technician and is very easy to use. This allows rapid deployment in critical situations. The EC fan automatically slows down when approaching the set temperature, thereby reducing both energy consumption and noise.

Optional accessories



Professional extension
cable 20 m
7333000374



AC 7000 & AC 15000

Smooth, whisper-quiet operation with low energy consumption.

Direct air towards desired spot using the adjustable grille.

Resistant to wear and tear even when moved and reinstalled several times. Easy-to-clean surface.

Easy to move both the indoor and outdoor unit. Easily fits through narrow doors and in elevators.

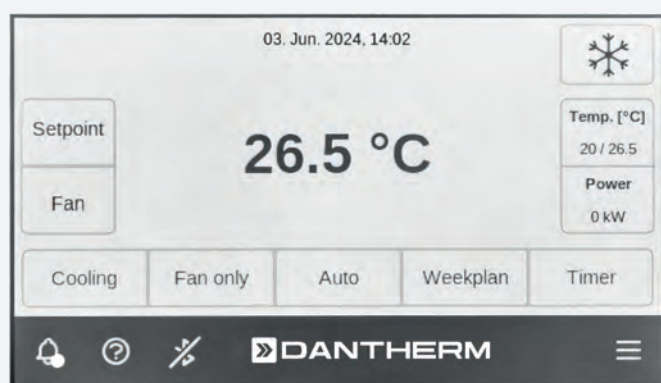
Slim water and glycol hose connection eliminates need for large air ducts, only a small outdoor opening is required.

Indoor and outdoor units can be placed up to 30 meters apart and at different heights (up to 8m) for increased flexibility.

Stepless, outdoor fan speed for improved control and user comfort.



Quick-connect cooling line connectors make installation easy and eliminate the need to recharge water lines.



Control panel

The touchscreen control panel allows to set up and monitor the following parameters:

- Current and desired temperature
- Fan speed (6 steps)
- Choose functions: cooling, ventilation, auto
- Week plan set up
- Timer
- Control panel lock function with PIN

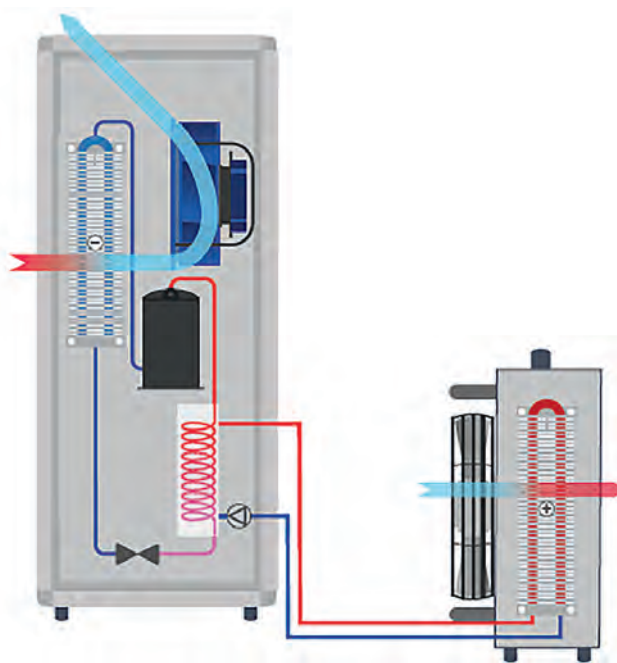
AC 7000 & AC 15000

How the units work

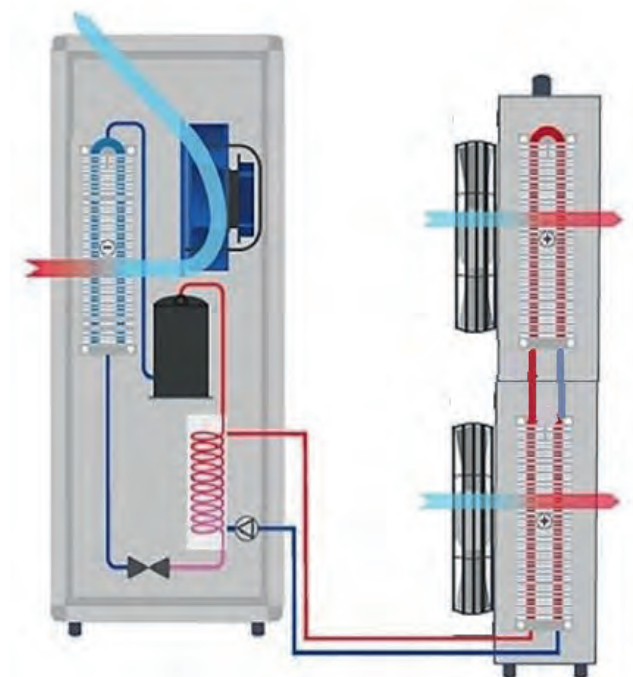
The AC 7000 and AC 15000 absorb the heat into a refrigerant cooling system. From there, the heat is transferred to the self-containing chilled water/glycol system. It is then pumped through to the outdoor unit where the water is cooled and the heat dissipates.

The indoor unit is connected to the outdoor unit via two quick-connect, self-sealing flexible hoses. These hoses are supplied in 10m lengths and can be connected to a maximum length of 30m.

The outdoor unit of the AC 15000 is equipped with two powerful fans. This allows it to reach high operating temperatures and provides redundancy, which is synonymous with reliability.



AC 7000



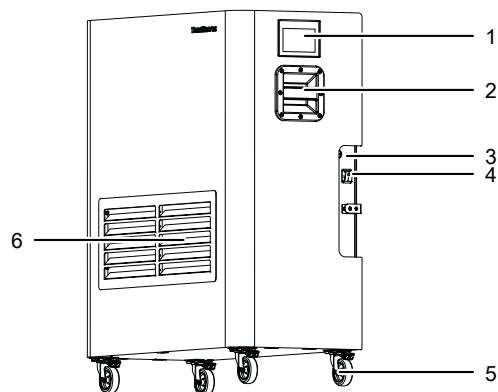
AC 15000

AC 7000 & AC 15000

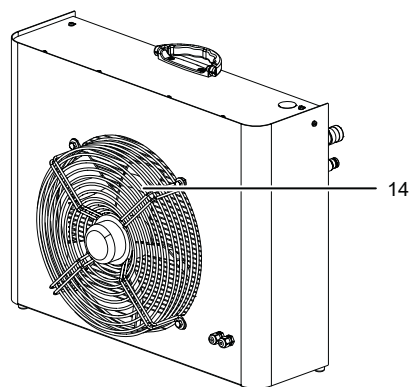
Specifications	Units	AC 7000	AC 15000
Cooling performance			
Cooling capacity at 25 °C indoor/outdoor	W Btu/h	6500 / 22178	15000 / 51240
Max. cooling capacity	W Btu/h	7000 / 23884	18300 / 62442
Power consumption	W max	2950	7960
Air flow – indoor unit			
Air flow rate - min./max. level	m ³ /h	800 / 1450	2000 / 3000
Air flow rate - boost	m ³ /h	n/a	3450
Indoor fan stages	-	5+1	5+1
Indoor fan modes	-	Cooling, ventilation, auto	Cooling, ventilation, auto
Air flow – outdoor unit			
Air volume - outdoor unit	m ³ /h	n/a	6700
Acoustic data			
Sound level at 1 m (indoor unit)	dB(A)	62	69 (level 6)
Sound level at 3 m (outdoor unit), max.	dB(A)	n/a	76
Operating conditions			
Min./max. operating temperature – outdoor unit	°C	-5 / +43	-5 / +47
Min./max. operating temperature – indoor unit	°C	+5 / +35	+5 / +37
Electrical data			
Power supply	V ph Hz	230/3/50	400/3/50
Recommended fusing	A	13	16
Protection class – indoor/outdoor unit	-	IPX2 / IPX4	IP22 / IP24
Connection plug from indoor unit to power supply	-	E+F da 16 A (CEE 7/7)	16A 3ph & N & E
Indoor to outdoor connecting plug	Type	3 pole Harting plug	3 pole Harting plug
Refrigeration circuit			
Refrigerant	Type g	R-454C / 840	R-454C / 2400
Global warming potential factor	GWP	148	148
CO ₂ equivalent	t	0.133	0.355
Pressure suction side, max.	MPa	1.0	2.8
Pressure outlet side, max.	MPa	2.5	2.8
Secondary cooling circuit			
Fluid type	Type	Water / 35% ethylene glycol mix	Water / 35% ethylene glycol mix
Fluid quantity	L	9.75	10
Max. working pressure	MPa	2.8	3.0
Dimensions & weight – indoor unit			
Product size without packaging (L x W x H)	mm	400 x 880 x 1030	1175 x 601 x 1315
Weight without packaging	kg	108	200
Dimensions & weight – outdoor unit			
Product size without packaging (L x W x H)	mm	250 x 700 x 580	1019 x 509 x 1420
Weight without packaging	kg	21	135

AC 7000

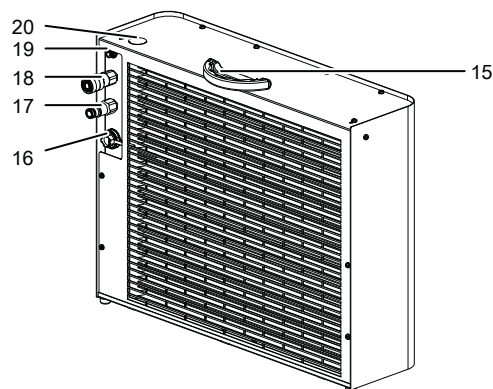
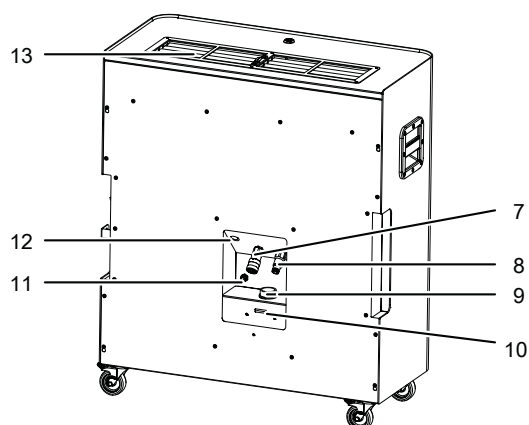
Main elements



AC 7000 - indoor unit



AC 7000 - outdoor unit

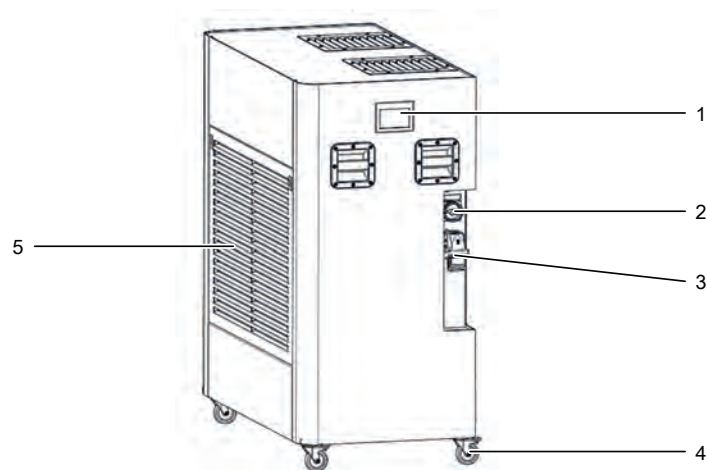


1. Control panel
2. Carrying handle
3. Mains connection
4. Main switch
5. Wheels
6. Air inlet with air filter
7. Connection cable to the indoor unit (OUT)
8. Connection cable to the indoor unit (IN)
9. Tank screw cap
10. Fill level indicator

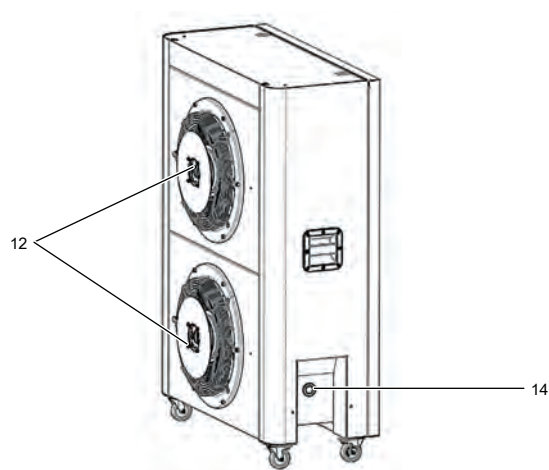
11. Connection for the drain hose
12. Power cable for the outdoor unit
13. Air outlet
14. Fan
15. Handle
16. Mains connection for outdoor unit
17. Connection cable to the outdoor unit (OUT)
18. Connection cable to the outdoor unit (IN)
19. Connection for the drain hose
20. Vent screw for heat transfer fluid

AC 15000

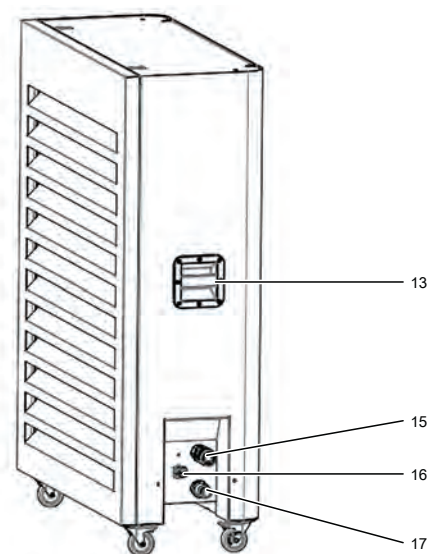
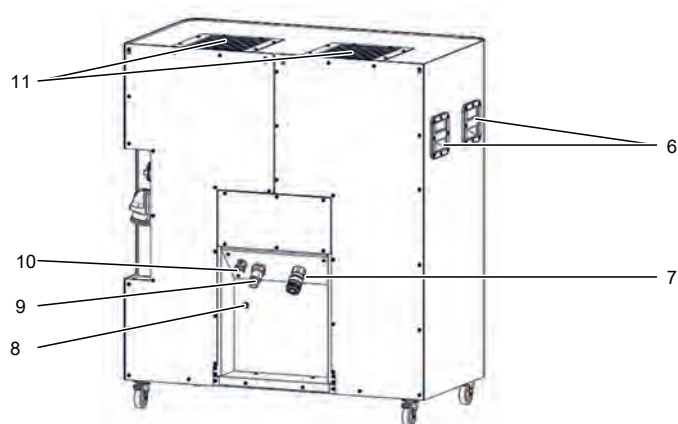
Main elements



AC 15000 - indoor unit



AC 15000 - outdoor unit



1. Control panel
2. Mains connection
3. Main switch
4. Wheels
5. Air inlet with air filter
6. Handles
7. Connection for line to basic device (IN)
8. Condensation drain hose connection
9. Connection for line to basic device (OUT)

10. Mains connection cable to outdoor unit
11. Air outlet
12. Fan
13. Handle
14. Service opening for the pump
15. Cooling circuit connection to basic device (OUT)
16. Mains connection outdoor unit
17. Cooling circuit connection to basic device (IN)

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