

Air treatment units for large flow rates

Large air conditioners

Air conditioners for industrial
and commercial applications

GC
series



GC series

Air treatment air conditioners for large flow rates GC series

Air conditioners for large flow rates and high energy efficiency, suitable for all types of air-conditioning installations in industrial processes. Designed to meet the most demanding requirements in terms of low energy consumption and high efficiency performance. The construction flexibility through modules allows the unit to be optimised in order to adapt it to any HVAC project need, thus simplifying its installation.



The quality of DECACLIMA's GC units is guaranteed by the **Eurovent certification**



Main characteristics

- Flow rates from 1,000 m³/h to 80,000 m³/h
- EC Plug Fan fans
- Hygienic construction in accordance with EN 13053
- High-quality components
- Wide variety of functions and options
- Extruded aluminium profile with thermal bridge break
- Rubber seal for air-tightness with the panels
- 50 mm thick sandwich-type panels, with a lacquered outer panel
- High-quality doors with locks for inspection and cleaning
- Support frames adapted to the needs of the installation

Standard finishes

- Galvanised steel interior
- Lacquered sheet exterior
- Modular aluminium structure

Options

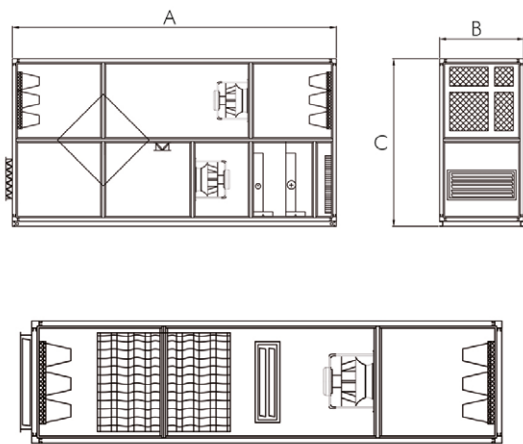
- Lacquered or stainless steel interior finish
- Acoustic panels
- Rock wool panel
- Option of installing inspection windows and interior light
- Plug&Play built-in control
- AISI 304 stainless steel condensate tray
- Option of dividing the coil into modules
- Option of heat recovery coils

This series provides flexible solutions that can be adapted to the needs of the project and configured with heat recovery units (rotary, static, run-around), filtration stages with the efficiency required by the project or humidification systems (cellular panel, steam, atomisation). They can be equipped with communication protocols for an integrated control system such as ModBus, BACnet, KNX, LonWorks and others.

Technical characteristics

Model	Nominal flow rate m ³ /h	Model	Nominal flow rate m ³ /h	Model	Nominal flow rate m ³ /h
GC 1.5	1500	GC 10.5	10500	GC 30.0	30000
GC 3.0	3000	GC 12.0	12000	GC 35.0	35000
GC 4.5	4500	GC 15.0	15000	GC 40.0	40000
GC 6.0	6000	GC 18.0	18000	GC 50.0	50000
GC 7.5	7500	GC 21.5	21500	GC 60.0	60000
GC 9.0	9000	GC 24.0	24000	GC 80.0	80000

Dimensions mm



Model	Width (B) mm	Height (C) mm	Model	Width (B) mm	Height (C) mm
GC 1.5	1000	1200	GC 18.0	2200	3200
GC 3.0	1000	1800	GC 21.5	2500	3500
GC 4.5	1300	1800	GC 24.0	2500	3500
GC 6.0	1600	1800	GC 30.0	2500	4200
GC 7.5	1650	2100	GC 35.0	2500	4800
GC 9.0	1600	2600	GC 40.0	2800	4800
GC 10.5	1900	2400	GC 50.0	3400	4800
GC 12.0	1900	2700	GC 60.0	3400	5400
GC 15.0	2200	2900	GC 80.0	4400	5400

Data subject to modifications due to adjustments to the designs without prior notice.

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