

FCA 5F

A mobile and stationary coolers



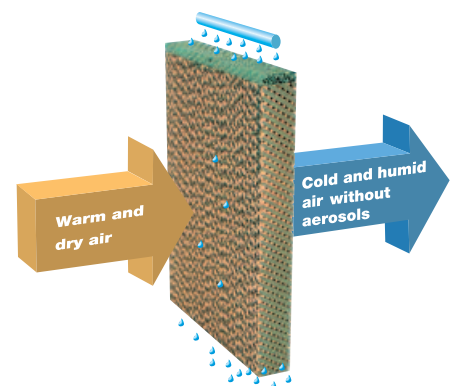
FCA series consists of compact and efficient coolers for climate control of small to large facilities. The series is based on the natural principle of using water to regulate the temperature and refresh the air. The system creates a comfortable indoor climate with optimal combination of temperature and humidity.

The smallest unit in the FCA range, FCA 5, is of a hybrid design for multiple usages. Either you can circulate, refresh and cool the air in a room by placing it on a stand or wall mounted. Or you can mount it in a window or other ventilation openings, cooling the outdoor air and replacing the warm old air in the facility. The evaporative cooling design also makes it possible to use the units in a semi closed or open environment with good cooling effect. Settings are made by a hand hold remote control for uncomplicated usage. FCA 5 can be equipped with a wheeled unit or be fitted onto a supporting window or wall frame.

EQUIPMENT

FCA 5F

- Low installation, running and maintenance cost
- Remote control for uncomplicated setting and possibility to run units in parallel
- Light weight polymer casing
- Free standing or through wall ventilator installation options
- Suitable for a wide range of applications
- Simple and flexible installation
- Low noise
- Environmentally friendly
- Extra equipment; wheeled unit, a window and a wall frame



Evaporative cooling principle.

Theoretical principle and how it works

The evaporative coolers use evaporative cooling pads as media. A system of water distribution and a pump keep the pad continuously wet. Inside the machine is a large axial fan which sucks the air from

the outside through the pad. When the air goes through the pad which is saturated with water the air gets cooler. The cool air is then forced by the fan into the premises.

Technical specifications

Model FCA		5F
Voltage	[V]	230 VAC 1 phase
	[Hz]	50
Electrical power	[W]	290
Consumption	[A]	1.3
Water tank volume	[l]	30
Maximum airflow	[m³/h]	5,000
Evaporation efficiency	[%]	85
Noise level at 3 meters	[dB _A]	65
Dimensions H x W x D	[mm]	960x850x480
Weight (without water/with water)	[Kg]	35/65



FCA 5F comes with a display and a remote control to easily operate the unit.

Order information

FCA-X-X

Code for specifying size

5

Code for mounting options

F floor stand on wheels

FCA are products of Munters Europe AB.



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