

EQUIPMENT

FCA 15T & B

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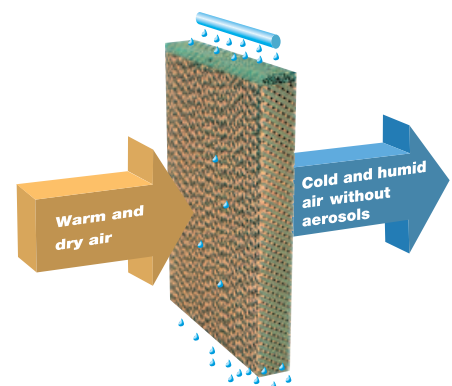
Stationary factory cooler



- Low installation, running and maintenance cost
- Remote control for uncomplicated setting and possibility to run units in parallel
- Light weight polymer casing
- High performance axial fan for ducting options
- Suitable for a wide range of applications
- Simple and flexible installation
- Environmentally friendly

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 light weight polymer casing design makes the units suitable also for facilities with a simple structure which can not carry heavy weight. The unit can be delivered knock down or fully assembled to minimize installation time or to make possible to carry the product up to the roof in narrow stairways or elevators. FCA is generating 15,000 m³ per hour [8,850 cfm] and several units can be linked parallel to create sufficient ventilation for larger facilities. A third generation high efficient axial fan makes the units suitable both for standing on the floor, being mounted on the wall or installed on the roof with short distance ducting installations. The larger unit, FCA 15 has two air outlet options to provide the customers with maximum flexibility and simplified installation.



Evaporative cooling principle.

Theoretical principle and how it works

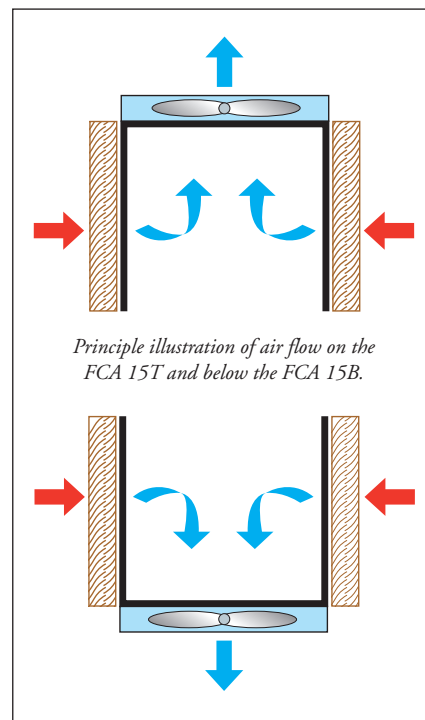
The evaporative coolers use CELdek® evaporative cooling pads as media. A system of water distribution and a pump keep the pad continuously wet. Inside the machine is a large axial fan which

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

Technical specifications

Model FCA		15T	15B
Voltage	[V]	400 VAC 3 phase/ 230 VAC 3 phase	400 VAC 3 phase/ 230 VAC 3 phase
	[Hz]	50/60	50/60
Electrical power	[W]	1,100	1,100
Consumption	[A]	4.8	4.8
Water tank volume	[l] [gallon]	25 [6,5]	25 [6,5]
Maximum airflow	[m³/h] [cfm]	15,000 [8,850]	15,000 [8,850]
Evaporation efficiency	[%]	85	85
Noise level at 3 meters	[dB _A]	78	78
Dimensions H x W x D	[mm] [inch]	1,000×1,100×1,100 [39.4×43.3×39.4]	1,000×1,100×1,100 [39.4×43.3×39.4]
Weight (without water/with water)	[Kg] [lb]	65/90 [143.5/198.7]	85/110 [187.5/242.6]

FCA are products of Munters Europe AB.



Order information

FCA-XX-X

Code for specifying size

15

Code for outlet direction

T top

B bottom



Munters, HumiCool Division, Isafjordsgatan 1, P.O. Box 1150, SE-164 26 Kista, Sweden. Phone +46 8 626 63 00, Fax +46 8 754 56 66.

Munters Italy S.p.A., Corso Inghilterra 15, 12084 Mondovì, Italy. Phone +39 0174 560 600, Fax +39 0174 560 617.

www.munters.com

Australia Munters Pty Limited, Phone +61 2 6025 6422, **Brazil** Munters Brasil Industria e Comercio Ltda, Phone +55 41 3317 5050, **Canada** Munters Incorporated, Phone +1 905 858 5894, **China** Munters Air Treatment Equipment (Beijing) Co. Ltd., Phone +86 10 80 481 121, **Denmark** Munters Turbvent, Phone +45 9862 3311, **Finland** Munters Oy, Phone +358 9 83 86 030, **France** Munters France S.A., Phone +33 1 34 11 57 50, **Germany** Munters Euroform GmbH, Phone +49 241 89 00 0, **India** Munters India, Phone +91 20 3052 2520, **Indonesia** Munters, Phone +62 21 9105 4467, **Italy** Munters Italy S.p.A., **Chiusavecchia** Phone +39 0183-52 11, Munters Italy S.p.A., **Mondovì** Phone +39 0174 560 600, **Japan** Munters K.K., Phone +81 3 5970 0021, **Kingdom of Saudi Arabia and Middle East** Hawa Munters, Phone +966 1 241 8808, **Korea** Munters Korea Co. Ltd., Phone +82 2 761 8701, **Mexico** Munters Mexico, Phone +52 818 262 54 00, **Russia** Munters Europe AB, Phone +7 812 448 5740, **Singapore** Munters Pte Ltd., Phone +65 744 6828, **South Africa and Sub-Sahara Countries** Munters (Pty) Ltd., Phone +27 11 997 2000, **Spain** Munters Spain S.A., Phone +34 91 640 09 02, **Sweden** Munters Europe AB, Phone +46 8 626 63 00, **Thailand** Munters Co. Ltd., Phone +66 2 645 2708 12, **United Kingdom** Munters Ltd., Phone +44 845 644 3980, **USA** Munters Corporation **Fort Myers** Phone +1 239 936 1555, Munters Corporation **Mason** Phone +1 888 335 0100, **Vietnam** Munters Vietnam, Phone +84 8 825 6838, **Export & Other countries** Munters Europe AB, Phone +46 8 626 63 00.

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