About Munters-Keruilai

Adhering to the environmental protection concept of the main investor - Munters Group, Munters-Keruilai applies the technology and expertise of evaporative air cooling to help create perfect climate by providing eco-friendly and energy efficient green solutions. We design and deliver advanced evaporative air coolers by combining water evaporation with air movement through Munters' original CELdek® cooling pads in a wide range of industries with the largest being the industry, public and spot.

Ventilation and Cooling Principle Schematic

Operating Principle

The cooling effect of evaporative air coolers is achieved when water in the medium (cooling pad) absorbs heat from the air as it passes through. The pump inside the cooler circulates water from the reservoir onto the cooling pad, which in turn becomes very wet. A fan draws air from outside the unit through the moistened pad. As it passes through the pad the air is cooled by evaporation.

Evaporative air cooling method uses up to 80% less energy than refrigerant air conditioning. These coolers can be used outdoors or indoor even with windows and doors left open; giving fresh filtered air perfect for a comfortable environment.

Engineering Principle

Filtered and cooled by an evaporative air cooler, the outdoor fresh air is continuously sent into the indoor space through the air duct and distributed outlets. With the continuous supply of fresh air, the indoor space is in a positive pressure condition, thus the original hot air containing odor and dust will be emitted out of the room, resulting in a cool, ventilated, clean and comfortable environment.

Munters-Keruilai
Manufacturing Base: No.81 Fenxi Yi Road, Wanjiang District, Dongguan, Guangdong, China
Tel: +86 769 22188 788 *701
Email: info@keruilai.cn

Australia Munters Pty Limited, Phone +61 2 6025 6422, Brazil Munters Brasil Industria e Comercio Ltda, Phone +55 41 3317 5050, Benelux Munters Belgium NV, Phone +32 15 28 56 11, Canada Munters Incorporated, Phone +1 905 858 5894, China Munters Keruilai Air Treatment Equipment (Guangdong) Co. Ltd., Phone +86 769-221 887 88, Denmark Munters A/S, Phone +45 9862 3311, Finland Munters Finland Oy, Phone +358 207 768 230, 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 +62 818 739 235, Italy Munters Italy S.p.A., Mondovi Phone +39 0174 560 600, Japan Munters K.K., Phone +81 3 5970 0021, North Africa and Middle East Phone +46 8 626 63 00, Korea Munters Korea Co. Ltd., Phone +82 2 761 8701, Mexico Munters Mexico, Phone +52 818 262 54 00, 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 AB, Phone +46 8 626 63 00, Thailand Munters Co. Ltd., Phone +66 2 642 2670, Turkey Munters Form Endü stri Sistemleri A.ş, Phone +90 262 751 375 60, United Kingdom Munters Ltd., Phone +44 845 644 3980, USA Munters Corporation Fort Myers Phone +1 239 936 1555, Vietnam Munters Vietnam, Phone +84 8 3825 6838, Export & Other countries Munters AB, Phone +46 8 626 63 00.

Munters reserves the right to make alterations to specifications, quantities, etc., for production or other reasons, subsequent to publication.

Keruilai Powered by Munters

Your closest distributor

32XXX-MAY/15

Keruilai
Powered by Munters

New CELdek® HPP
Larger Air Flow and Faster Cooling with Superb Performance

Paramount MEC32 Evaporative Air Cooler

MEC32BA

MEC32TA

Munters

Description

Based on Munters-Keruilai's superior platform of industrial evaporative cooler, MEC32 is equipped with the newly developed high performance cooling pad (HPP), a new member of Munters CELdek® series. Attributing to CELdek® HPP, the MEC32 is able to provide large volume cooled air, while keeps outstanding evaporative efficiency as the well-known CELdek® always perfoms, from the very compact and light weight unit. Compared to products with similar airflow rate in the market, the MEC32 stands out with the compact and light weight design, and various control functions, which helps the users save more space and cost of transportation, installation and operation.

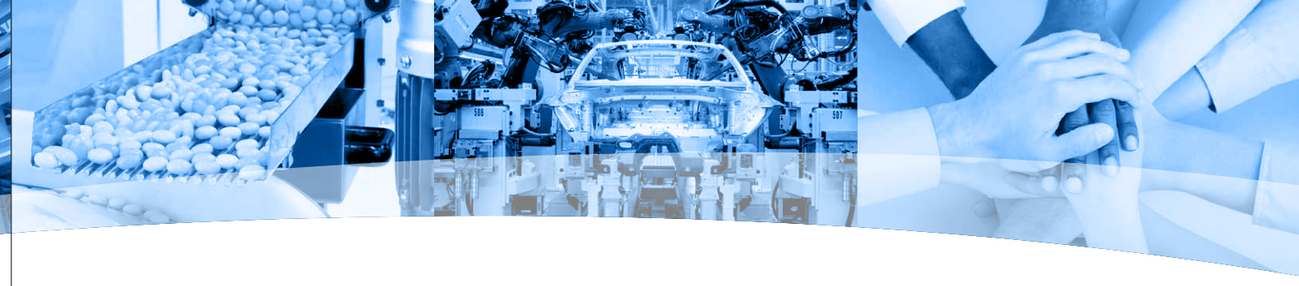
Features

- The new CELdek® high performance cooling pad (HPP) is designed in particular for the evaporative coolers with high air face velocity and large air output. With the optimized design on paper corrugation, the HPP presents remarkably lower pressure drop against the high air face velocity and outstanding evaporative efficiency as well.

- Grouped and Centralized Control with Maximum 9 Groups of 20 Units
- Both Wireless and Wired Remote Control Available
- Accurate Humidity and Temperature Control (Wireless Remote Control Models)
- 24 Hours Timer On/Off
- Auto-Clean Available to Prolong the Service Life of Cooling Pad
- 1- 99 Hours Draining Interval Adjustable
- Self-Diagnosis and Error Code Display

Target Applications

- Automobile Assemble and Accessories Factories
- Plastic Injection and Rubber Factories
- Textile Mills
- Hardware Processing Factories
- Maintenance Workshops of High-Speed Trains



Data Sheet

Model		MEC32BA-3F MEC32BA-3A	MEC32TA-3F MEC32TA-3A
Air Discharge		Bottom	Top
Airflow@120Pa*	m^3/h	23000	23000
Power Input/Current*	kW/A	3.5/6.7	3.5/6.7
Voltage/Hertz/Phase	V/Hz/Ph	380-415/50/3	3/380-415/50
Cooling Capacity*	KW	88	88
Sound Pressure Level@1m	dB(A)	74	74
Water Tank Volume	L	40	40
Net Weight	Kg	93	94
Air Outlet Dimensions	mm	777x777	777x777
Unit Size (W×D×H)	mm	1225x1225x1125	1225x1225x1145
Evaporative Efficiency*	%	78	78
Evaporative Capacity*	L/H	130	130
Running Weight	Kg	147	148

1. * Under test condition DB38°C/WB23°C
2. Above specifications and external appearance are subject to change without prior notice.

Airflow Rate – Static Pressure Chart

MEC32 Airflow Rate-Pressure Chart