

ideal™ AP100 Med Edition

The professional air cleaner for hygienically pure air – in rooms of a size up to 1000 square feet.* High-performance filter system, LCD touch screen, WLAN connection and the corresponding app complete this machine making it the perfect source for clean air.

Specifications

Power supply	120V, 60 Hz
Fan speed	5 levels (manual /auto)
Noise levels (dB)	29 / 34 / 41 / 48 / 56
Air flow	up to 26,500 ft ³ /hour
Product dimensions (D x W x H), inches	17 x 17 x 39.8
Shipping weight, pounds	67

* With a room height of 8.2 feet.

** Directly at the device's air outlet, practically no particles can be substantiated.



WiFi Enabled



Professional air cleaner with individually replaceable high-quality filter elements. The 7-level cleaning system filters pollutants such as fine dust, pollen and acarid allergens, pathogens such as viruses, bacteria, and mold spores, cigarette smoke, exhaust fumes, chemical vapors and odors from the air**. Level 1: Fine prefilter - filters particles such as dust, hairs, pollen, lint. Level 2: CleanCel® equipment - inhibits the growth of microbes. Level 3: PM2.5 filter - filters ultra-fine air pollutants of a size of 2.5 µm. Level 4: Antimicrobial coating "MedShield" - removes 99.9% pathogen viruses, bacteria, and mold spores from the air. Level 5: High performance activated carbon filter - removes various odors and harmful gases such as tobacco smoke, food odors, acetic acid, disinfectants, ammonia, formaldehyde, toluol, VOCs, and others. Level 6: Optionally selectable PlasmaWave® system – actively supports the removal of bacteria, viruses, mold spores and ultra fine particles from the indoor air. Level 7: True HEPA Filter – filters 99.97% of the ultra-fine particles of 0.3µm such as fine dust, dental dust, and sooty particles. The antimicrobial CleanCel® equipment of the device's interior inhibits the growth of microbes. Provides function modes such as Auto/manual/sleep/turbo. In AutoMode, continually monitors the air quality with intelligent sensor technology (sensors for fine dust, gas, odors and brightness) and automatically controls the power. However, manual operation and adjustment is possible. The air cleaner can be controlled intuitively using a 4-inch LCD touch screen for timer function, night function, displaying individual filter conditions, weather data and air quality data. Operational guidance in three languages. Inclusion into a WLAN is possible. Even more comprehensive operation and data is available from the device using the ideal. air app (free in the App Store or with Google Play). Mobile thanks to castors.



WiFi Enabled



WWW.MBMCORP.COM
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WWW.IDEAL-MBM.COM
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All technical data is approximate and subject to change. © MBM Corporation, 8/2016.

ideal™ AP100 Med Edition - with WiFi and App

Features



LCD TOUCH SCREEN

All functions can be controlled using the brilliant touch display in a comfortable way with the tip of your finger.



HOME SCREEN

The home screen can display local weather, fine dust pollution and temperature of the selected place. The indoor air condition is centrally displayed.



FILTER CONDITION INDICATOR

The menu displays the condition of all filter elements. On an average, the filters have to be changed after 12 months. The device automatically indicates a pending filter change.



FILTER ELEMENTS

Includes a high-performance HEPA filter, high performance activated carbon filter, antimicrobial PM2,5 filter and CleanCel fine prefilter – perfect for filtered and hygienically pure air.



ideal. AIR APP

The device can also be controlled and viewed via smart-phone using the ideal. air app. This app supports iOS 6.0 and higher as well as Android 4.12 (Jelly Bean) and higher.



EXTENSIVE SENSOR SYSTEM

Perfect room air is made possible with the fine dust sensor, gas and odor sensor and light sensor in automatic mode.

PLASMAWAVE®

PlasmaWave produces positive and negative ions in an optimal ratio that form hydroxyles together with hydrogen from the humid air. These hydroxyles neutralize and destroy viruses such as influenza viruses, bacteria, chemical compounds, poisons and odors at the molecular level. PlasmaWave cleans indoor air in the same manner as nature cleans the air. PlasmaWave is certified as being free of ozone.

CLEANCEL®

The plastic material of the air routing parts and the prefilter are equipped with an additive based on silver ion technology. This CleanCel technology inhibits the growth of bacteria, fungi and acarids. Furthermore, bacterial contamination with Escherichia coli, Staphylococcus aureus and Salmonella enteridis is inhibited.

MEDSHIELD

Antibacterial "MedShield" coating of the PM2,5 filter for removing 99.9% of the pathogen viruses, bacteria and mold spores from the air.



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