

# IDEAL AP100 Med Edition



The professional air cleaner for hygienically pure air – in rooms of a size up to 100m<sup>2</sup> \*. High-performance filter system, LCD touch screen, WLAN connection and the corresponding app.

High-performance HEPA filter

High-performance activated carbon filter

Antimicrobial PM2,5 filter

CleanCel® fine prefilter

Optionally selectable PlasmaWave® system

Automatic mode

LCD touch screen

WIFI connection

Corresponding app free of charge

Low energy consumption

Quiet operation

Recommended for allergy sufferers

ECARF certified



## Technical Details

<b>Power supply</b>	220-240V, 50/60 Hz
<b>Fan speed levels</b>	5
<b>Power consumption (watts)</b>	10 / 21 / 41 / 82 / 200
<b>Noise levels (dB)</b>	29 / 34 / 41 / 48 / 56
<b>Air throughput</b>	up to 750 m <sup>3</sup> /hour
<b>Dimensions (H x W x D)</b>	1010 x 430 x 430 mm
<b>Weight</b>	26 kg

\* With a room height of 2.50 m.

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

## Product description

Professional air cleaner with individually replaceable high-quality filter elements. The 7-level cleaning system filters pollutants such as fine dusts, pollen and acarid allergens, pathogens such as viruses, bacteria, and mould spores, cigarette smoke, exhaust fumes, chemical vapours and odours from the air\*\*. Level 1: Fine prefilter - filters particles such as dust, hairs, pollen, lints. 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 mould spores from the air. Level 5: High-performance activated carbon filter - removes various odours and harmful gases such as e.g. tobacco smoke, food odours, acetic acid, disinfectants, ammonia, formaldehyde, toluol, VOCs, and others. Level 6: Optionally selectable PlasmaWave® system - actively supports the removal of bacteria, viruses, mould 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 e.g. fine dust, dental dusts, 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, odours 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 retrieval from the device using the "IDEAL air" app is possible (charge-free in the App Store or with Google Play). Mobile thanks to castors.

# IDEAL



### LCD TOUCH SCREEN

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



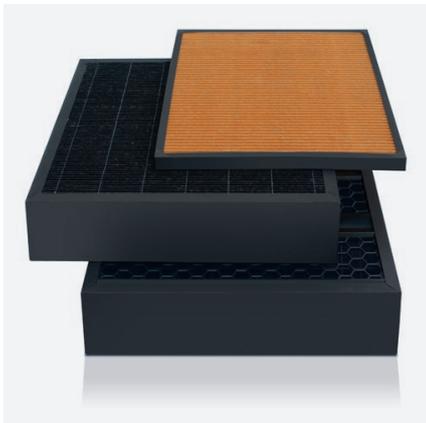
### HOME SCREEN

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



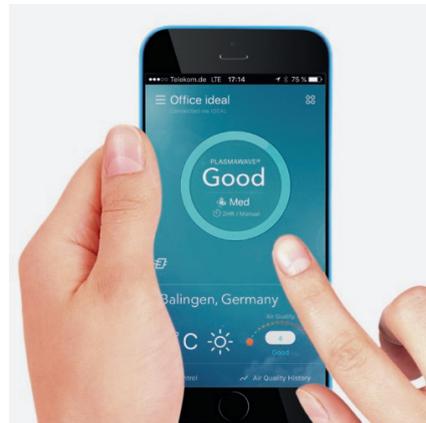
### FILTER CONDITION INDICATOR

The menu allows displaying 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

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



### IDEAL air app

The device can also be controlled and retrieved via smart-phone using the "IDEAL air" app. „IDEAL air“ supports iOS 6.0 and higher as well as Android 4.12 (Jelly Bean) and higher.



### EXTENSIVE SENSOR SYSTEM

With a fine dust sensor, gas and odour sensor and light sensor for perfect room air 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 neutralise and destroy viruses such as e.g. influenza viruses, bacteria, chemical compounds, poisons and odours at the molecular level. PlasmaWave® cleans indoor air in the same manner as nature cleans the air. PlasmaWave® was 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 e.g. 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 mould spores from the air.



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