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RICHTER

AP4

AIR PURIFIER & HUMIDIFIER



 PURELIFE

Product Overview

The AP4 is a combined air purifier and humidifier designed for spaces that require both consistently clean air and balanced humidity levels.

Its intelligent control system continuously monitors indoor air quality and adjusts purification and moisture output based on real-time PM2.5 data and ambient conditions.

The AP4 supports everyday comfort, seasonal humidity control, and long-term wellbeing in homes and offices.

Advanced 7-Stage Filtration System

A multi-layer system designed to target a broad range of pollutants:

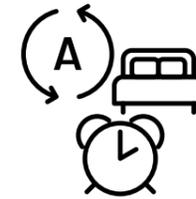
- 1. Pre-Filter** Made from aluminium alloy, this washable primary filter captures larger particles above 5 microns, such as dust, hair and lint. Reusable multiple times.
- 2. Cold Catalyst Filter** Helps break down residual gases and low-concentration chemical pollutants commonly found in indoor environments.
- 3. Cellular-Activated Carbon Filter** Adsorbs volatile organic compounds (VOCs), household chemical fumes and unwanted odours.
- 4. Antibacterial Cotton Layer** This filtration stage captures fine particles around 5 microns and incorporates an antibacterial agent that eliminates more than 99% of airborne bacteria.
- 5. High-Efficiency HEPA Filter** Removes fine particulate matter down to 0.3 microns, including PM2.5, pollen, mould spores, dust, allergens and certain viruses.
- 6. UV-C Sterilization** The UV-C light (365 nm) helps reduce airborne bacteria and viruses by inactivating bacteria and viruses.
- 7. Anion Purifier** Releases negative ions that bind to ultrafine particles, causing them to settle more quickly and enhancing the overall feeling of air freshness.



Built-In Humidifier

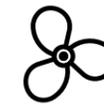
- Integrated humidification with a dedicated filter
- Operates with standard tap water and automatically produces humidity once filled
- Humidity output adjusts according to the selected fan speed
- Water-level indicator signals when refilling is needed.

Features



Multi-Mode Operation

Choose from Auto, Manual, Sleep or Timer settings depending on your needs.



Four Fan Speeds

Adjustable airflow levels for tailored airflow.



Negative Ion Function

Emits anions to enhance air freshness.



Filter Reset Indicator

Alerts you when a filter change is required.



Light Sensor

Automatically dims and switches to Night Mode in low light (below ~5 lux).



Child Lock

Prevents accidental adjustments.



Remote Control

For convenient operation from a distance.



Wi-Fi Connectivity & App Control

Enables remote monitoring, scheduling and real-time air-quality insights.

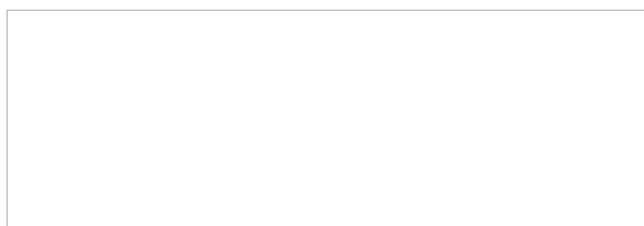
Air Quality LED Indicator Colour	Pm 2.5	Level
Light green	0-50	1
	51-80	2
Blue	81-100	3
	101-120	4
Yellow	121-140	5
	141-160	6
Red	161-300	7
	301-500	8

Specification

Voltage, Frequency	AC 220V; ~50Hz
Rated power	85 W
Noise level (low speed)	≤38.0 db(a)
Anion concentration	10 million/cm ³
CADR (Clean Air Delivery Rate) - Particles	488 m ³ /h
CADR (Clean Air Delivery Rate) - Formaldehyde	90 m ³ /h
Coverage area	34-58 m ²
Product dimensions	400 × 230 × 840 mm
Weight	11.3 kg
Filtration stages	Pre-filter Cold Catalyst Filter Cellular-Activated Carbon Filter Antibacterial Cotton Filter High-Efficiency HEPA filter UV Sterilization Lamp Anion Purifier
Features	Built-in humidifier Wifi connection Display Air Quality LED Indicator
Modes	Automatic Manual Timer Night Mode

Recommended for

- Ideal for homes, ensuring clean, fresh air throughout living spaces.
- Suitable for bedrooms, providing balanced humidity and quiet operation for restful sleep.
- Perfect for offices and workspaces, maintaining a comfortable and healthy environment.
- Supports allergy and asthma sufferers by reducing airborne particles and allergens.
- Designed for families with children or households with pets.
- Provides balanced humidity, improving comfort in dry indoor environments.
- Beneficial for anyone seeking chemical-reduced, hygienic indoor air.



Pure Life Deutschland GmbH
Turmstraße 135,
36093 Künzell
Germany
www.purelifehome.eu