

# Specification Sheet

## PH 1000 Pro

Mobile Humidifier and Air Purifier



The PH 1000 Pro is a powerful and hygienic mobile solution for rooms up to 3500 sq/ft (330 m<sup>2</sup>)\* and is an ideal solution for humidity control in medical offices, music stores, museums, and for the hospitality industry, just to name a few applications.

### Convenient Application

- Simple installation and startup; in less than 15 minutes
- Programmable fan operation with timer
- Simple maintenance and timer thanks to the modular design
- Intuitive touchscreen with indication of humidity and temperature
- Direct water connection (optional)
- Operation with standard tap water or osmosis water possible
- Can also be monitored via app thanks to WLAN module integrated as standard

### Healthy Room Climate All Year Round

- Dual functionality: Healthy indoor climate year round with humidification and air purification
- A standard F7 filter, with optional upgrade to a HEPA H10 filter, effectively removes airborne pollutants in humidification mode
- An activated charcoal filter\*\* and HEPA H10 filter can also be used in the air purification mode which removes odors, pollens and other pollutants from the air.

### Excellent Quality

- Made of high-quality plastics with UV protection, easy to clean and robust against descalers and detergents
- Stainless steel shafts and stainless steel ball bearings
- Safety glass cover with damper lowering

### Reliable Operation

- Reduction of germ formation through UV disinfection and lime conversion
- Self-diagnosis system with warning indication in the event of a failure
- PIN protection against unauthorized access
- High evaporation performance

### Freedom of Mobility

- Large locking castors
- Safe transport thanks to spill protection
- Large 13.2 gal (50 l) water tank



## TECHNICAL DATA

Colors	White
Dimensions (WxHxD)	33.5 x 24.8 x 15.4 inches (85x63x39 cm)
Weight (empty)	61.7 lbs (28 kg)
Power Consumption	130W
Water tank capacity	13.2 gal (50l)
Capacity levels (automatic)	1 to 8
Sound pressure level	32 to 58 dBA
Air circulation rate	412 to 588 cfm (700 to 1000 m <sup>3</sup> /h)
Air filtration	F7 filter (standard) HEPA H10 (option) Charcoal** filter (option)
Humidification capacity <sup>1)</sup>	3.75 to 5.75 lbs/hr (1.7 to 2.6 l/h)
Humidification capacity <sup>2)</sup>	2.0 to 3.5 lbs/hr (0.9 to 1.6 l/h)
For rooms up to a max. of	3500 sq/ft* (330 m <sup>2</sup> )
Water level detector	Standard
UV disinfection	Standard
Lime conversion cartridge	Standard
Water connection	Option (3/4" NPT)
Control via radio hygrostat	Standard

1) at 77°F (25°C) and 20 % rH    2) at 73.4°F (23 °C) and 45% rH

\*Based on a ceiling height of 10 ft. Volumetric max of 35315 CF (1000 m<sup>3</sup>)

\*\* Activated charcoal filter is not suitable for evaporative humidification operation

## Certifications

### Standards Humidifications

- UL 998:2022 , CSA C22.2 No. 104:20:2022, 47 CFR Part 15B, ANSI C63.4:2014, ICES-003:2020
- IEC 60335-2-98:2002, AMD1:2004, AMD2:2008 IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013, AMD2:2016, COR1:2016
- Including National Differences / Europe: EN 60335-2-98:2003 + A1:2005 + A2:2008, EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 +

### Standards Air Purification

- IEC 60335-2-65:2002, IEC 60335-2-65:2002/AMD1:2008, IEC 60335-2-65:2002/AMD2:2015 in conjunction with IEC 60335-1:2010, IEC 60335-1:2010/AMD1:2013, IEC 60335-1:2010/AMD2:2016
- Including National Differences/EUROPE: EN 60335-2-65:2003 + A1:2008 + A11:2012 used in conjunction with EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021 EN 62233:2008 + AC:2008

### EMV/RED:

- EN 55014-1:2017 (CISPR 14-1:2016 + COR1:2016)
- EN IEC55014-2:2021 (CISPR 14-2 :2020)
- EN IEC 61000-3-2:2019
- EN610003-3 :2013 + A1 :2019
- ETSI EN 301489-1 V2.2.3:2019
- ETSI EN 301489-17 V3 .2.4:2020