



MOBILE HUMIDIFIERS

The art of convenient humidity control



Humidification, Dehumidification
and Evaporative Cooling

 **condair**

Defensor PH15 mobile humidifier

Ideal for areas up to 580m³

Quattro air filter

The PH15 can be fitted with an air filter that removes dust and pollen particles up to 0.1µm.

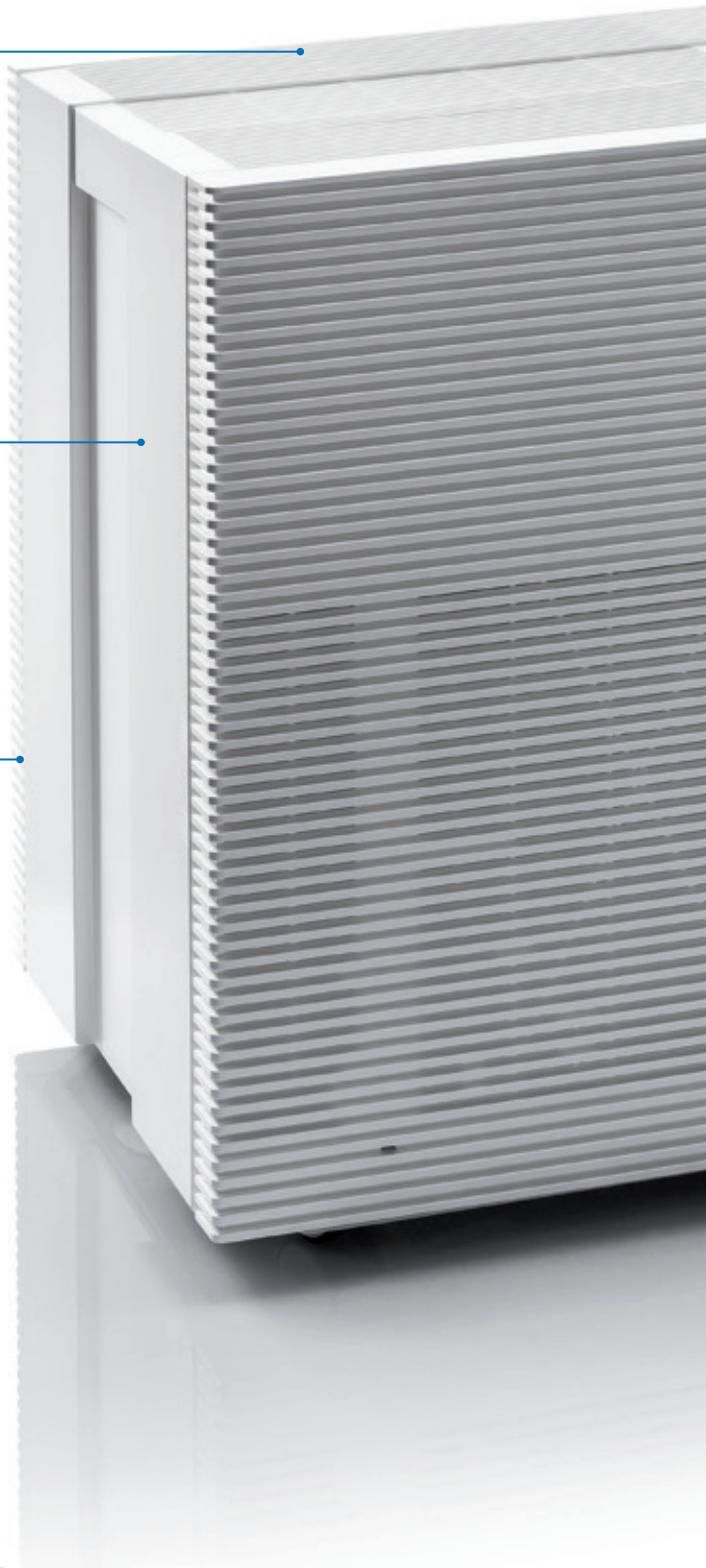


UV-resistant housing

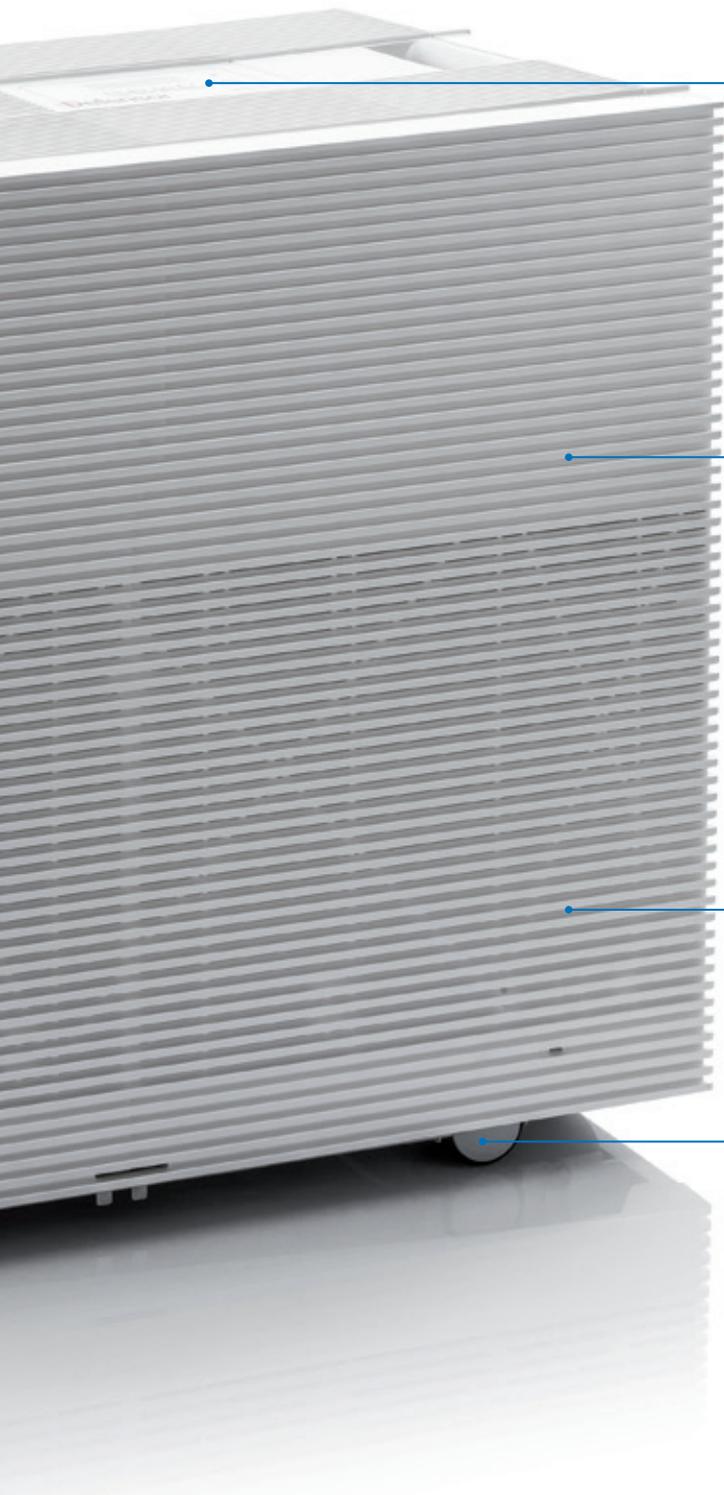
The housing consists of a high-quality plastic, which is robust and lightweight. UV protection prevents discolouration from sunlight.

Hygienic operation with silver ionization

A silver ion water treatment system combats microbial growth in the water, maintaining hygienic operation.



Condair Defensor PH15



Control panel

The humidifier can be operated from its lockable, integrated keypad. A remote sensor can be positioned far from the unit, to monitor room humidity levels and control output.

Water tank or mains-fed

A large 20L water tank with castors makes refilling simple. Alternatively, an optional mains water connection is available.



Electronic water level detection

Casters for easy positioning

Large, lockable castors make moving the humidifier around easy.

The Defensor PH15 is ideal for use in offices, museums and galleries with room volumes up to 580m².

It can be used as both a humidifier and air purifier, removes impurities from the air and is available with a range of different filters for summer and winter.

With its many features, the Defensor PH15 is ideal for use in public areas, with lockable controls and secure castors, but is also easy to use for any facilities manager.

Condair PureHum 1000 Pro mobile humidifier

Ideal for areas up to 1,000m³

Powerful EC fan

8-stage operation offers low-noise performance. A timer can be programmed to activate the unit only when needed.

Air filtration options

As standard, a fine dust and F7 filter will remove airborne pollutants. An optional HEPA 10 filter removes finer particles, and an activated carbon filter will remove gaseous pollution and odours.

Robust construction

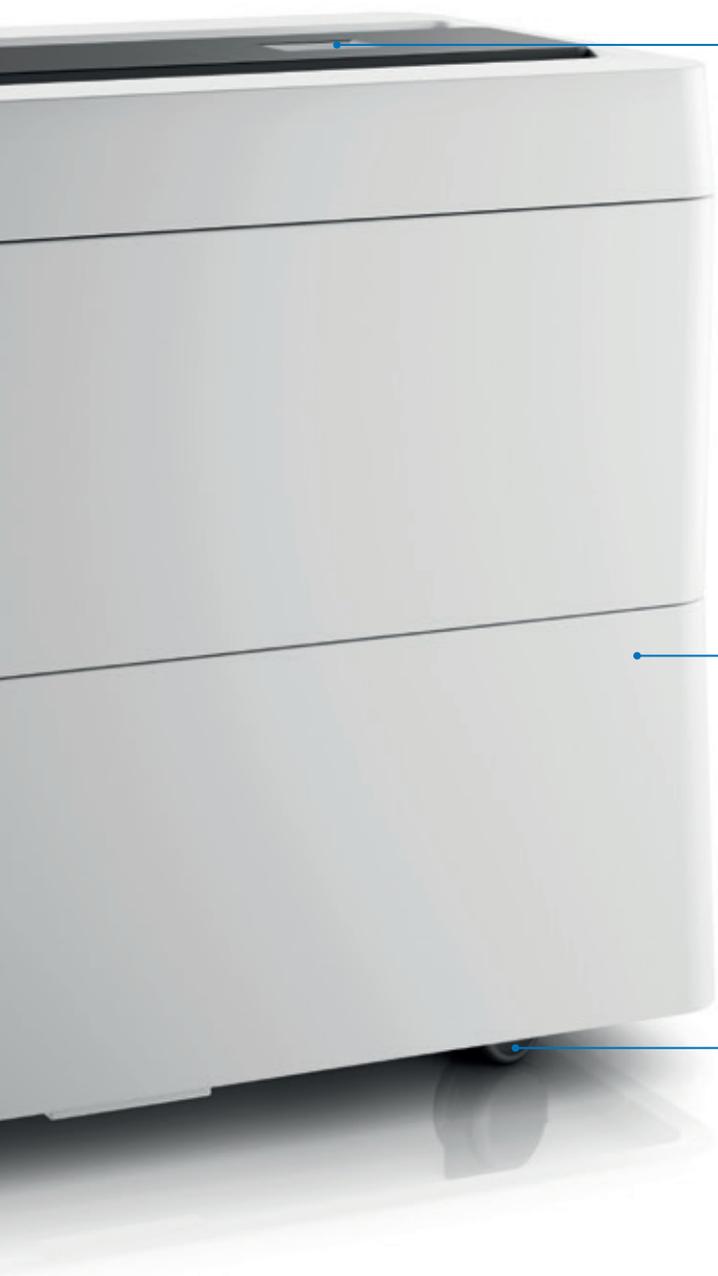
High quality plastic casing is UV-resistant to prevent discolouration from sunlight.

UV-sterilization

Water is treated with ultraviolet light to combat microbial growth and maintain hygienic operation.



Condair PureHum 1000 Pro



Control panel

The integrated touchscreen display offers intuitive control and provides data on room conditions, water level and operating parameters. An optional WLAN/wifi module allows the unit to be controlled via a phone app.



Water tank or mains-fed

A large 50L water tank means the humidifier does not need frequent filling. Castors on the tank make moving easy, even when full. Alternatively, it can be connected to a mains water supply for continuous operation. When connected to a mains supply and drain, an automated flushing feature will ensure humidification water is always fresh and cannot stagnate in the tank.

Castors for easy positioning

Large, lockable castors make moving the humidifier around easy.

The Condair PureHum Pro 1000 is a commercial mobile humidifier for humidification of rooms up to 1,000m³ with an output of up to 2.6L/h.

A modern, sleek design ensures it blends in with most interiors and anti-tamper features make it ideal for use in public spaces.

The humidifier can operate in winter mode, for air humidification and purification, or summer mode, with just air purification. A selection of air filters allows for various levels of air quality to be maintained.



A productive working environment needs optimum air quality

Every day, the average person breathes around 22,000 litres of air. During this process, mucous membranes in our nose and throat filter pollutants from the air, such as dust and bacteria. When we breathe dry air, below 40%RH, these mucous membranes dry out and cannot function so well. This leaves us much more exposed to airborne infections.

Poor indoor air quality management can increase absenteeism in the workplace from infections such as colds and viruses.

Optimum air humidity also protects a building's fabric and its contents. Wooden floors and panelling can distort when exposed to dry air. Musical instruments will warp and become out of tune. Wooden furniture and antiques made from natural materials can be irreversibly damaged.

In order to maintain insurance cover, art galleries, museums and heritage sites frequently need to maintain air humidity around 50%RH to prevent dry air from damaging priceless works of art.



Recommended humidity for a person: **40–60%RH**



Recommended humidity for wooden instruments: **40–65%RH**



Humid air binds airborne particles, reducing allergen and pollen pollution



Recommended humidity for wooden furniture and parquet flooring: **55–60%RH**



Recommended humidity for paintings or galleries: **50%RH**

Technical data



Defensor PH15					
Suitable for room volumes up to:	m ³	580			
Power consumption (max.)	W	72			
Water tank capacity	l	20			
Weight (empty)	kg	25			
Colour		White			
Dimensions (WxHxD)	cm	73 x 61 x 37			
Conformity		CE, VDE, GS, GOST			
Power levels		1	2	3	4
Sound pressure level	dB(A)	33	38	45	50
Air flow rate	m ³ /h	155	195	280	340
Humidifier output @25°C / 20%RH	l/h	0.8	1.1	1.5	1.7



PureHum 1000 Pro		
Suitable for room volumes up to:	m ³	420 to 1000
Power consumption (max.)	W	130
Water tank capacity	l	50
Weight (empty)	kg	28
Colour		White
Dimensions (WxHxD)	cm	85 x 63 x 39
Conformity		CE
Power levels (automatic)		1 to 8
Sound pressure level	dB(A)	32 to 58
Air flow rate	m ³ /h	700 to 1000
Humidifier output @25°C / 20%RH	l/h	1.7 to 2.6

Actual specifications may differ from those shown