



A BREATH OF FRESH AIR FOR YOUR HOME!

Comfort Humidifier



Humidification and Evaporative Cooling

 **condair**



A comfortable living climate thanks to air humidification

Air – our most important sustenance

Every day, the average person breathes in and out around 22,000 litres of air. During this process, a sophisticated mechanism in our respiratory system removes toxic matter, dust and bacteria from the air, and the mucous membranes dispose of these.

Air humidity preserves our immune system

However, this protective mechanism only works if the mucous membranes are supplied with sufficient humidity. Air that is too dry is detrimental to our well-being and impedes the immune defenses of our

respiratory system. Optimum air humidity reduces the spread of bacteria, viruses and other organisms in the room air that may affect our health.

Protection and value retention of parquet flooring and wooden furniture

Wood is a natural product, and is particularly sensitive to dry atmospheres. Furniture, antiques, musical instruments, books or even wooden floors can produce splinters and serious damage as a consequence of insufficient room humidity.

Maintenance of optimum air humidity with the Comfort Humidifier from Condair is the solution.



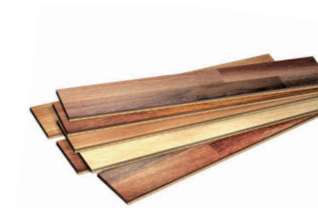
Humid air binds airborne particles, thereby preventing dust and pollen pollution



Recommended humidity for a person: 40–60% rel. humidity



Recommended humidity for wooden instruments: 40–65% rel. humidity



Recommended humidity for wooden furniture and parquet flooring: 55 – 60% rel. humidity



Recommended humidity for paintings or galleries: 50% rel. humidity

Comfort Humidifier Defensor PH15

Quattro filter removes dust and pollen particles measuring up to 0.1 µm

The PH15 can also be fitted with a Quattro filter, which protects allergy sufferers from excessive pollen and dust levels.



UV-resistant housing

The housing consists of a high-quality plastic mix, which is extremely lightweight, but still very robust. To prevent discolouration due to sunlight, the material has integral UV protection.

Hygienic operation thanks to silver ionization

The active and effective elimination of bacteria is essential for the hygienic operation of a humidifier which is operated with drinking water. To guarantee this process, Condair products use preventive silver ionization. This method has also proven its value in the medical field.



Optional with removeable tank or fix water connection

The models in the Defensor PH series have a large and mobile water tank which is easy to move around, even when full. An optional model with a mains water connection instead of a tank can be selected.



Membrane keyboard / sensor control

In addition to operation of the humidifier using the membrane keyboard, the DEFENSOR PH15 can also be controlled via an external wireless sensor. This sensor can be positioned at a large distance from the humidifier and in a location in the room that will provide a good reference value. The data required to control the device output is wirelessly transmitted to the humidifier.

Electronic water level detection

High mobility

The Comfort Humidifier DEFENSOR PH15 is equipped with large and lockable castors which enable the device to be moved around easily and with little effort.

Defensor PH15

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

The system offers digital operation, a humidity controller, a timer and a key lock. As an option, the DEFENSOR PH15 can also be ordered with a direct water connection.

Comfort humidifier

Condair PureHum 1000 Pro



Powerful EC centrifugal blowers

8-stage automatic operation, low-noise, made of high-quality plastics and stainless steel shafts. Adjusts the speed of the fan depending on the requirement and ensures optimum performance.

Hygienic operation thanks to air filtration

Before the air is fed into the appliance, it is pre-cleaned by filtering out dust and particles in the intake area. Filter types (coarse dust, F 7 and H 10) are available here. Different filter media such as air filters and activated carbon filters can also be used for this purpose.



UV-sterilization

The use of UV sterilization germ formation is significantly reduced and hygienic operation is possible.

Modern control system

In addition to controlling the device via the touch display, the PureHum 1000 Pro can also be operated via the WLAN/Wifi module with an app. The touch display informs you about parameters such as current relative humidity, room temperature, fan level, maintenance indicators or warning messages.

Combination systems

Can be operated together with other humidifiers and dehumidifiers via a common radio humidity transmitter. The devices thus receive the identical measured value.



Optional tank / fixed water connection

The model in the PureHum 1000 Pro series has a large, 50 l water tank that can be moved effortlessly even when full. As an option, a version with a direct water connection and an automatic rinsing device can be selected instead of the tank.

Unlimited mobility

The PureHum 1000 Pro comfort humidifier is equipped with large, lockable castors with which the appliance can be moved comfortably and effortlessly.

Condair PureHum 1000 Pro

The Condair PureHum Pro 1000 is a mobile comfort humidifier for the hygienic humidification of rooms up to humidification of rooms

up to 1000 m³. It has a humidifier output of 2.6 l/h and a large, rollable water tank with a capacity of 50 liters, which means it needs to be refilled less frequently.

The humidifier can operate in winter or summer mode and can be equipped with different filter media.



Technical data

| Designation | | 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 | | | |
| Colors | | white | | | |
| Dimensions (BxHxD) | 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 ^{1) 2)} | l/h | 0.8 | 1.1 | 1.5 | 1.7 |
| Humidifier output ^{1) 3)} | l/h | 0.6 | 0.8 | 1.0 | 1.3 |



| Designation | | 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 | |
| Colors | | white | |
| Dimensions (BxHxD) | 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 ^{1) 2)} | l/h | 1.7 to 2.6 | |
| Humidifier output ^{1) 3)} | l/h | 0.9 to 1.6 | |

1) at 25°C and 20% r.h. 2) at 23°C and 45% r.h.

a) Dehumidification performance at 27°C and 80% r.h.

b) Dehumidification performance at 30°C and 80% r.h.