



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.



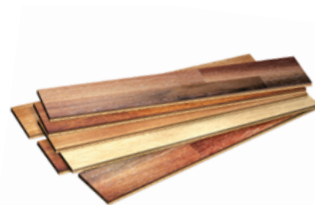
Recommended humidity for a person:
40–60% rel. humidity



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



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



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



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

Compact Humidifier Brune B125



The Compact Humidifier from Brune

The BRUNE B125 is a compact all-rounder. The device can be plugged in straight away and offers an impressively quiet and energy-efficient operation.

High-capacity water tank included

The water tank in the BRUNE B125 has 10 litres of capacity, facilitating extremely long operating periods without the need for continuous refills.

No scale deposits

By using the natural evaporation principle, over-humidification, precipitation and scale deposits on furniture, fixtures and fittings are prevented.

The air is feed through an evaporation filter, humidified and also purified to remove dust particles.

With its compact dimensions, the B125 is ideal for installation in display cases, sales counters, wine cabinets or humidors.



Mobile Disk Humidifier Brune B250



A tried and tested principle

The BRUNE B250 works according to the principle of cold water evaporation. The air is sucked in and purified through a special purification filter.

It is then feed through a rotating filter disk, which has an exceptionally large evaporation surface due to its special pore structure.

Thus the air is humidified in a highly efficient and energy-saving way.

Humidity control

The B250 humidifier is equipped with an integrated sensor, which measures the relative air humidity and indicates the humidity value on a display. Using this sensor and the humidity set point selected by the user, the B250 is able to independently control its humidity capacity.



Lockable castors

Fine-pored evaporation surface

Designer Humidifier Brune B300



Modern and functional design

The BRUNE B300 is characterised by its clean lines and a fresh design which fits harmoniously in every contemporary interior. However, the housing is not only elegant, it is also extremely robust. It is made of impact-resistant, fibreglass-reinforced plastic, which is completely corrosion-free.

A question of cleanliness

The BRUNE B300 is not just a humidifier – it also purifies the air and eliminates bacteria. An additional air filter in the air intake area coarse dust and particles out of the

air. Downstream of the filter, the air is fed into the room through the water and then passes through the evaporation filter, which performs additional purification.

Purification using UV-C radiation

A UV lamp is also used to kill and sterilise bacteria. UV-C rays have a germicidal action and, thanks to the intelligent location of the lamp, act on both the filter and the water tank.

This guarantees a thorough germicidal treatment of both air and water.

The procedure is completely ozone-free and is harmless to health.



UV-C lamp

Humidifiers for Large Rooms

Brune B500



Powerful and reliable

The BRUNE B500 is specially designed for large rooms. It offers an extremely high output and can be equipped with a very extensive range of accessories.

Self-diagnostic system

The device has a self-diagnostic system which independently detects and reports faults, or even the end of maintenance intervals.

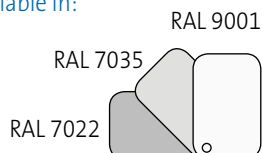
A team player

The BRUNE WEB MODULE can be used to adjust and control several humidifiers via a network and can therefore be operated from any location.

Clean air

The BRUNE B500 has an environmentally friendly BIO filter and a UV lamp to sterilise the humidifying water.

Available in:



WEB MODULE

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.

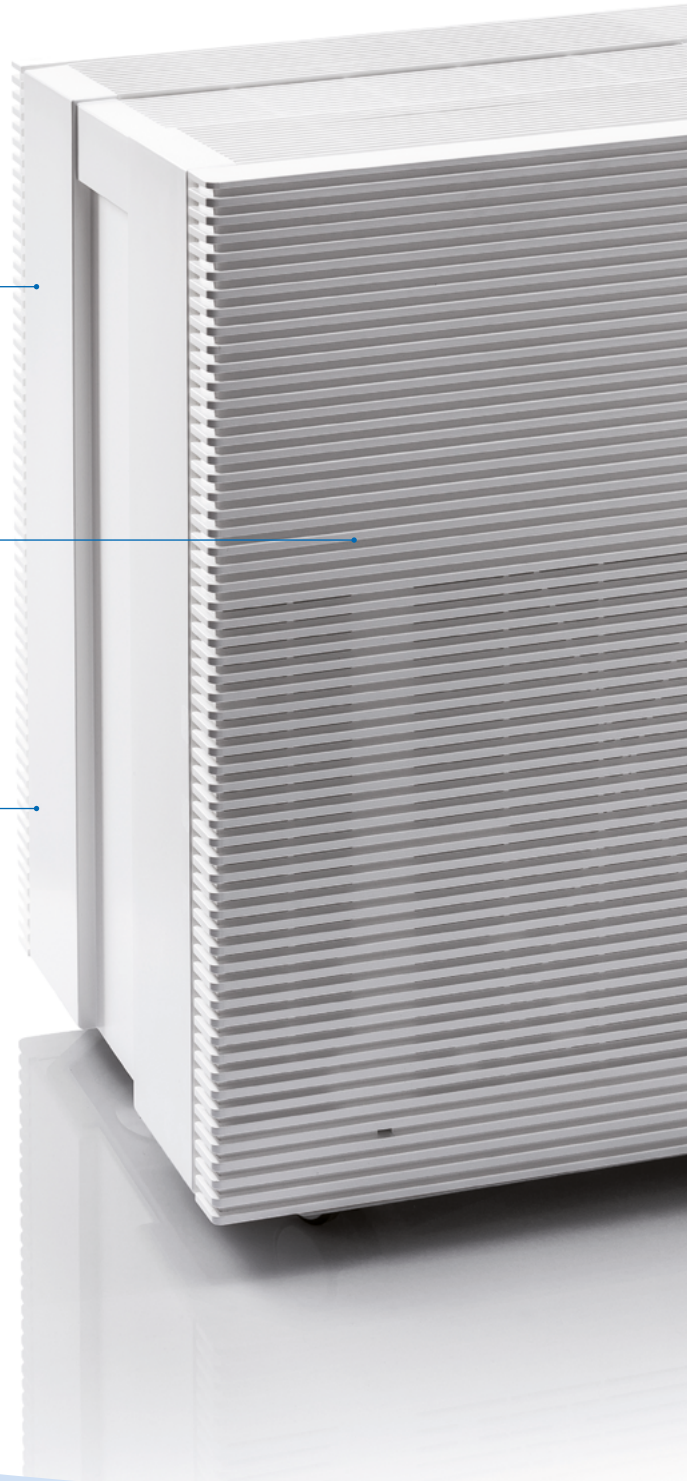


UV-resistant housing

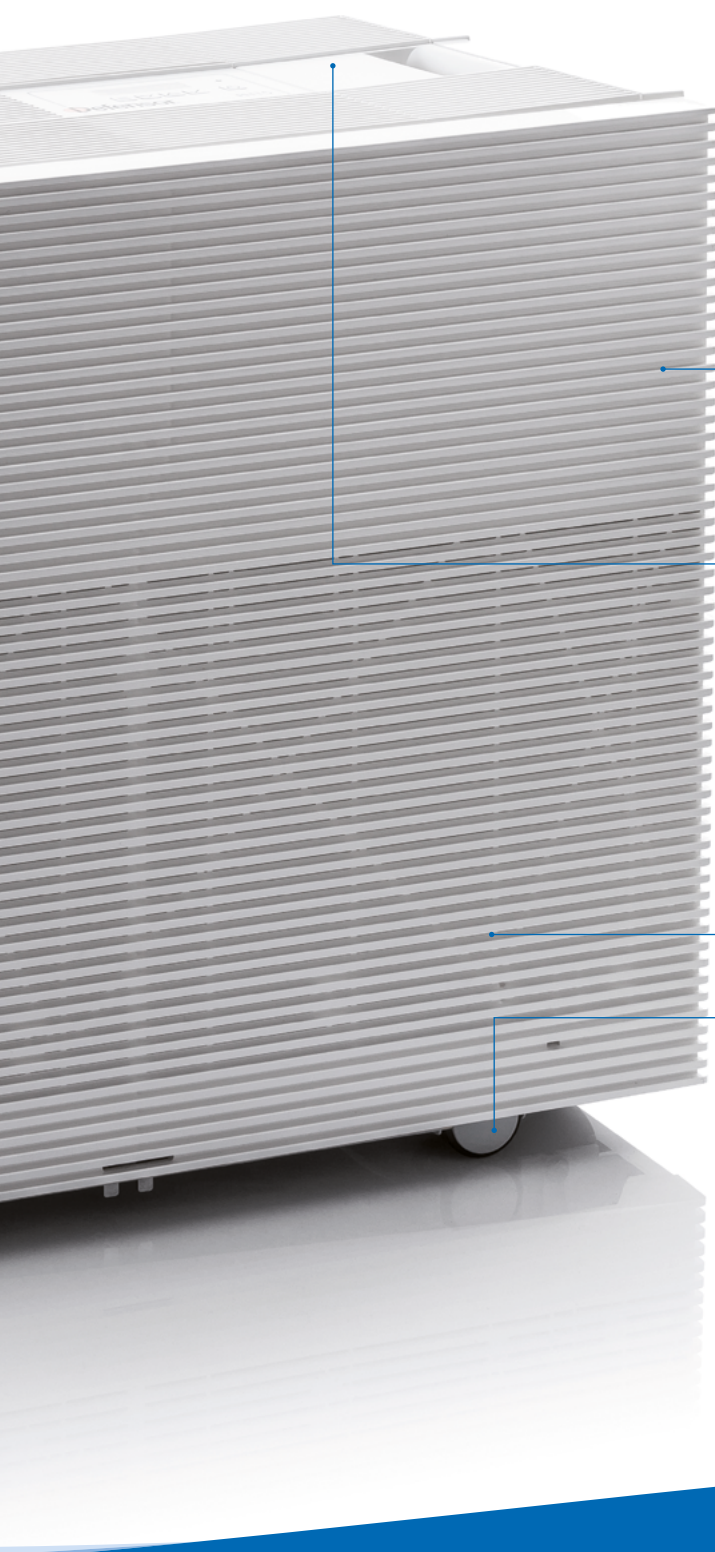
The housing consists of a high-quality plastic mix, which is extremely lightweight, but still very robust. To prevent discolouration due to sunlight, the material has integral UV protection.

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, Condaire products use preventive silver ionization. This method has also proven its value in the medical field.



Defensor **PH15**



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.

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 Defensor PH28



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

The PH28 can also be fitted with a Quattro filter, which provides protection for allergy sufferers from excessive pollen and dust levels.

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.

UV-resistant housing

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

The humidifiers can be painted in any RAL or NCS colour:



Defensor **PH28**



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 control of the humidifier using the membrane keyboard, the DEFENSOR PH28 can also be controlled via an external wireless humidistat. 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 PH28 is equipped with large and lockable castors, which enable the device to be moved around easily and with little effort.

The mobile comfort humidifier DEFENSOR PH28 is ideal for the hygienic humidification of rooms with a maximum volume of

900 m³. This model has a humidifying capacity of 2.7 l/h and a large water tank on castors with a content of 30 litres, thereby reducing the frequency of tank refills. The DEFENSOR PH28 can be ordered in all

modern RAL colours (subject to a surcharge). The use of evaporation technology is one of the most energy-efficient humidification methods (max. 128 W).



Technical Data

Name		Brune B125	Brune B250		Brune B300		Brune B500			
For room volumes up to:	m ³	140	500		600		900			
Power consumption (max.)	W	25	50		58		130			
Water tank capacity	litres	11	25		25		50			
Weight (empty)	kg	4.2	19		19		21			
Colours		white	RAL 9002		RAL 7001		RAL 9001/7035/7022			
Dimensions (W x H x D)	cm	45 x 28.5 x 29.8	60 x 67 x 30		74 x 70.5 x 41		75.5 x 62 x 36.5			
Compliance / Certificates		CE	CE		CE		CE			
Power levels		1	1	2	1	2	1	2	3	4
Sound pressure levels	dB(A)	34	34	40	32	40	32	36	41	44
Air flow	m ³ /h	140	300	500	300	600	360	450	650	800
Humidifier capacity ¹⁾	l/h	0.95	0.7	1.2	0.9	1.4	1.7	2.0	2.3	2.6
Humidifier capacity ²⁾	l/h	0.55	0.6	0.9	0.7	1.0	1.0	1.1	1.3	1.5



Name		Defensor PH15				Defensor PH28			
For room volumes up to:	m ³	580				900			
Power consumption (max.)	W	72				128			
Water tank capacity	litres	20				30			
Weight (empty)	kg	25				34			
Colours		white				white (or RAL/NCS coating)			
Dimensions (W x H x D)	cm	73 x 61 x 37				80 x 75 x 44			
Compliance / Certificates		CE, VDE, GS, GOST				CE, VDE, GS, GOST			
Power levels		1	2	3	4	1	2	3	4
Sound pressure levels	dB(A)	33	38	45	50	40	48	54	58
Air flow	m ³ /h	155	195	280	340	320	420	600	750
Humidifier capacity ¹⁾	l/h	0.8	1.1	1.5	1.7	1.7	2.1	2.4	2.7
Humidifier capacity ²⁾	l/h	0.6	0.8	1.0	1.3	0.9	1.2	1.4	1.6