



B120 & B125

EVAPORATION HUMIDIFIERS

Healthy and value-
conserving indoor climate
through air humidification!



KLICON



B120 & B125

EVAPORATION HUMIDIFIER

The compact humidifiers from BRUNE!

With the **B 120** and **B 125** models, BRUNE presents its compact all-rounders. Both devices are delivered ready to plug in and impress with their pleasantly quiet and energy-efficient operation. Their low weight enables easy transport and their generous water capacity of over 10 litres makes them ideal for continuous use.

Using the natural principle of evaporation, excess humidity, precipitation or lime deposits are prevented from forming on fixtures and furnishings.

The air is conducted through the evaporation filter, humidified and additionally cleaned of any coarse dust particles. In this way, the **B 120** and **B 125** humidifiers not only protect valuable furnishings from dry air, they also provide physical well-being in the living, working and office areas.

Through their compact sizes and in connection with the external hygrostat by BRUNE, the **B 120** and the **B 125** are ideally suited for use and installation in glass cases, sales counters, cabinets and humidors.



& B125



B120, *reliable and convenient!*

With its intelligent modular construction, it is simple and easy to handle and provides living and office spaces of up to 130 m³ with pleasant humidity. The evaporation humidifier is also an ingenious partner for rooms of up to 6 m³ for the professional storage of tobacco (70% rel. humidity).

The water level display is located on the front of the B 120 and the ON/OFF switch as well as the water filling flap are on the top.

It is thus well suited for use in glass cases, sales counters, cabinets and humidors.



B125, *powerful and quiet!*

For rooms up to a max. of 140 m³, the B 125 provides the perfect humidity and fits into any ambience with its appealing design.

In contrast to the B 120, there is a water level display on the top of the B 125 and the water filling flap as well as the ON/OFF switch is located on the side of the humidifier.

TECHNICAL DATA *B120 & B125*

	B 120	B 125
TYPE OF CONSTRUCTION		
Colour housing:	white / black	white
Housing:	plastic	plastic
Dimensions (W x H x D):	46.6 cm x 29.1 cm x 27 cm	45 cm x 28.5 cm x 29.8 cm
Empty weight:	approx. 3.6 kg	approx. 4.2 kg
CHARACTERISTIC VALUES		
Mains connection:	230 V / 50 Hz	230 V / 50 Hz
Power consumption:	approx. 25 watts	approx. 25 watts
Water tank capacity:	approx. 11 litres	approx. 11 litres
OPERATING DATA		
For room sizes up to:	55 m ²	60 m ²
	130 m ³	140 m ³
Evaporation rate:	900 g/h at 25°C and 20 % rel. humidity	950 g/h at 25°C and 20 % rel. humidity
Running noise:	approx. 34 dBA	approx. 34 dBA

Subject to technical modifications



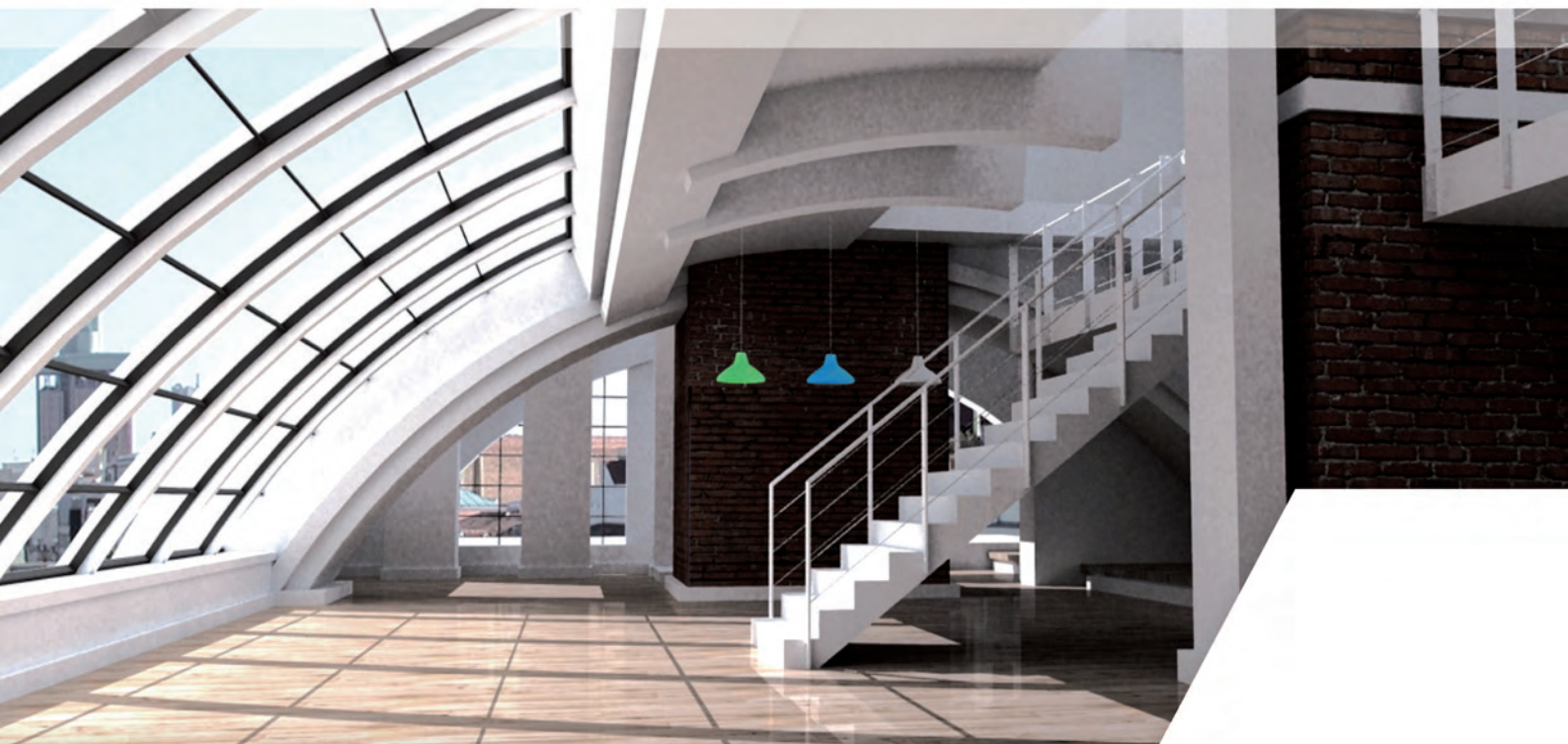
Typical examples:

- Living areas
- Offices
- Music rooms
- Churches
- Museums
- Galleries
- Wine cellars
- Sales counters
- Humidors
- Libraries
- EDP rooms
- Laboratories
- Copy shops
- Print shops
- etc.



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ELECTRONIC **B250**

EVAPORATION AIR HUMIDIFIER

*Healthy and value-
conserving indoor climate
through air humidification!*

KLICON





ELECTRONIC *B250*

EVAPORATION AIR HUMIDIFIER

„The B 250 at a glance“

Live and work healthier with optimum humidity: warm air can retain more humidity than can cold air. For this reason, the proportional humidity in room air is measured in % relative humidity – whereby approx. 50-60% rel. humidity is regarded to be optimal. In living rooms, an ambient temperature of 20-23°C is considered ideal, while the ideal temperatures for bedrooms and work areas are 18°C and 18-23°C respectively. A constant, agreeable humidity level is achieved by adding moisture to the room air, particularly in the winter months.

Key benefits:

- Full electronic control
- No installation required; plugin and ready-to-use: portable (casters) or stationary
- Easy-to-use operator panel with displays for actual and desired % r.h., water level and fan stage
- Space-saving and can be built in
- Economic operation – low-noise operation, minimum power consumption
- Air cleaned by a separate filter in the intake area
- 2-stage fan and automatic function
- High evaporation rate utilising a 3m² filter area
- Uses normal tap water and has a large water reservoir (25 ltr.)
- Precipitation-free humidification
- No lime deposits on room furnishings and fittings

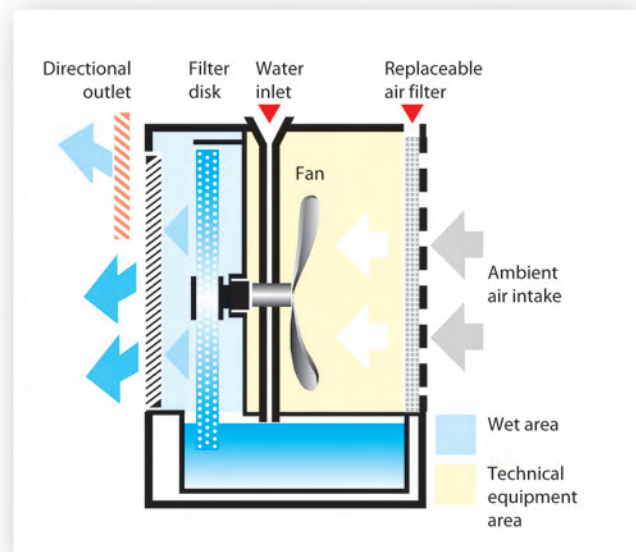
Typical examples:

- | | |
|-------------------------|------------------------------|
| • Living areas | • Humidors |
| • Offices | • Data processing facilities |
| • Exhibition rooms | • Telephone exchanges |
| • Production facilities | • Laboratories |
| • Libraries | • Book shops |
| • Museums | • Print shops |
| • Galleries | • Hospitals |
| • Sanatoriums | • Wine Cellar |
| | • etc. |

A proven principle:

Function

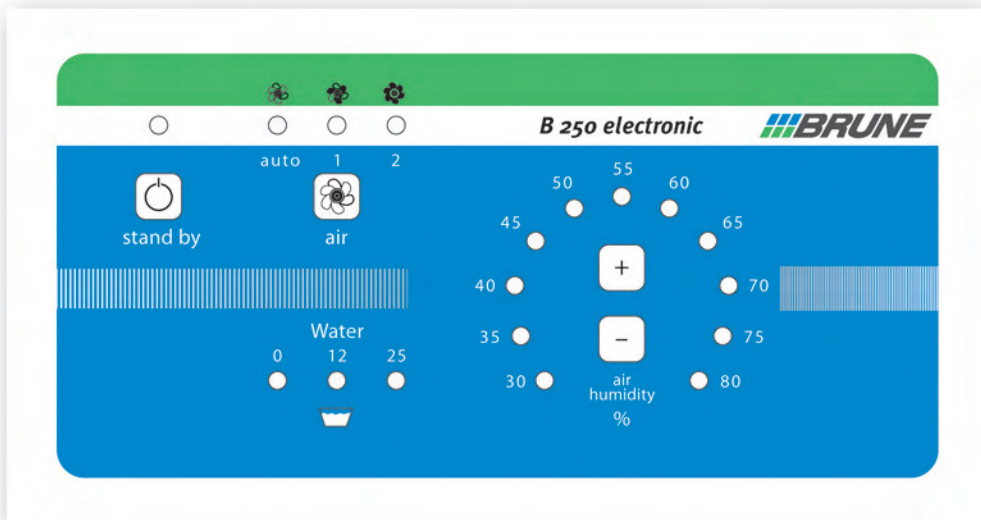
The B 250 humidifier operates on the basis of the cold evaporation principle, generally recognised as being the best. Air is taken in through a special air filter to provide additional cleaning. The air then passes through a rotating, moist filter disk whose special pore structure provides a particularly large evaporation surface area. Here, the air absorbs the required level of moisture. The now humidified air is then uniformly exhausted into the ambient air, without the risk of precipitation.



Fan

Depending on your needs, different fan speed stages are available (1/2/auto). In the "auto" mode, the electronics assumes all control functions, naturally providing precisely the right output; where the difference between the desired and actual humidity is very great (high demand), the fan switches to a higher speed. As the demand decreases, the fan speed again reduces itself automatically to the required level.

the disc evaporator



Operation

Everything you need is available at a glance. The clearly laid out operator panel shows you everything you need. By simply pressing the corresponding button you can change the settings for air flow and humidity to suit your needs. The highest level of comfort and precision reflecting the latest state of the art.

Humidity regulation

The **B 250** always keeps you informed. An integrated electronic sensor measures the current relative humidity and indicates it on the display. You define and save your desired humidity level and the unit assumes full control for its regulation.



ELECTRONIC *B250*

Water level indicator

The water reservoir does not need to be removed. The operator panel displays the current water level in the humidifier. If the reservoir is empty, the unit automatically switches itself off, and a flashing indicator signals that water must be added.

Filter

The **B 250's** evaporator filter medium is made of a special filter foam whose open pore structure provides a very large surface area, thus allowing higher evaporation performance.

Its sturdy structure is an additional point in its favour – so strong, in fact, that it is used as filter material in aquariums. And its unique surface treatment also helps reduce germ formation.

Keypad lock

To avoid unauthorized access to the humidifier controls, a special key combination can be used to prevent input. This assures you that your settings are permanently saved and can only be changed by an authorized procedure.

Options

If desired, the **B 250** humidifier can be connected directly to a water main. The electronic controls automatically regulate water intake via a solenoid. For reasons of safety, we recommend the employment of a water monitor, the safety collection reservoir and the safety pressure hose.

On request, we can provide a ready to connect unit with automatic water replenishment directly ex works.

B250

TECHNICAL DATA

TYPE OF CONSTRUCTION

Colour housing*:	RAL 9002, grey/white
Colour exhaust screen*:	RAL 7004, signal grey
Size (W x H x D):	60 cm x 67 cm x 30 cm
Housing:	galvanized metal
Exhaust screen:	plastic
Empty weight:	approx. 19 kg

CHARACTERISTIC VALUES

Mains connection:	230 V / 50 Hz
Power consumption:	50 watts
Water tank capacity:	approx. 25 litres

OPERATING DATA

For room sizes up to:	max. 500 m ³
Air flow:	300/500 m ³ /h
Evaporation rate:	1.2 ltr./h at 23°C and 45% r.h.
Running noise:	34 - 40 dBA

ACCESSORIES

- Safety pressure hose for direct water connection
- Water monitor incl. sensor
- Safety collection reservoir as additional protection against leakage
- Automatic water supply

Subject to technical modifications

*Colours may vary from actual device/ device housing colour due to printing



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COMFORT *B280*

COMPACT, VARIABLE AND COMFORTABLE

*Healthy and valuable
indoor climate
through humidification!*



KLICON





COMFORT *B280*

COMPACT, VARIABLE AND COMFORTABLE

„The B 280 at a glance“

Healthy living and working in optimum air humidity: warm air can hold more moisture than cold air. Therefore, the percentage of moisture in ambient air is expressed as the % of relative humidity – a relative humidity of approx. 50-60% is considered to be optimal. In living spaces a temperature of 20-23°C is considered to be ideal, while the ideal room temperature in the bedroom is max. 18°C and for the workplace it is 18-23°C. Particularly in wintertime, a constantly comfortable humidity can be reached by humidification of the indoor air.

Key benefits:

- electronic control
- ready for use – stationary or mobile – without installation
- clear control panel with display of the water level, fan speeds, ionization operation and the actual and desired humidity in 1% steps
- durable, corrosion free and easy-to-clean plastic housing
- adjustable air vents on top
- hinged control panel
- low power consumption
- high reliability through 24-volt operation
- low noise emissions
- air-cleansing through separate pre-filter and ionization
- 8-stage fan with additional automatic function
- high evaporation performance through large filter surface
- suitable for tap water and purified water
- humidification without precipitation and scale deposits in the room

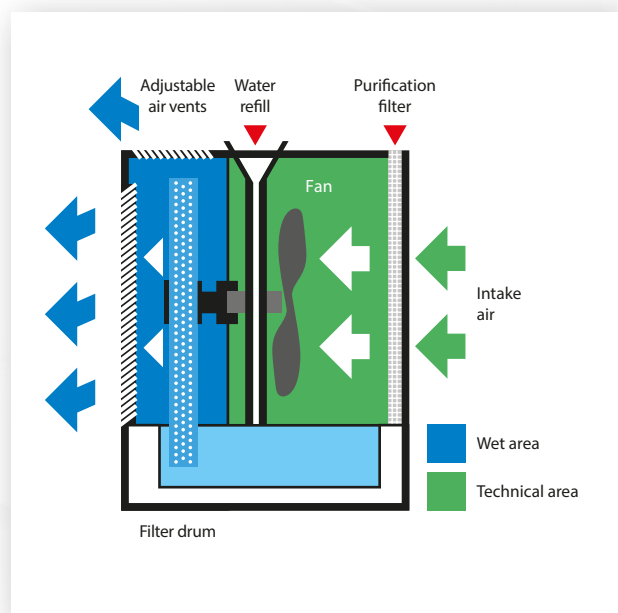
Typical examples:

- | | |
|----------------|-------------------------|
| • Living rooms | • Data processing rooms |
| • Offices | • Call centers |
| • Music rooms | • Laboratories |
| • Libraries | • Archives |
| • Museums | • Print shops |
| • Galleries | • Hospitals |

A proven principle:

Functionality

The humidifier **B 280** works on the principle of cold evaporation. It is generally recognized that this manner of operation is best suited for humidifiers. The air is sucked in through a special dust filter at the rear panel and thereby pre-cleaned. Then it passes through the humidifier filter, where it will be enriched with plenty of moisture due to the large evaporation surface. Finally the humidified air exits through the exhaust opening at the front, back into the room. In addition, various other exhaust openings on top of the unit can be opened, providing a more targeted distribution of moist air.

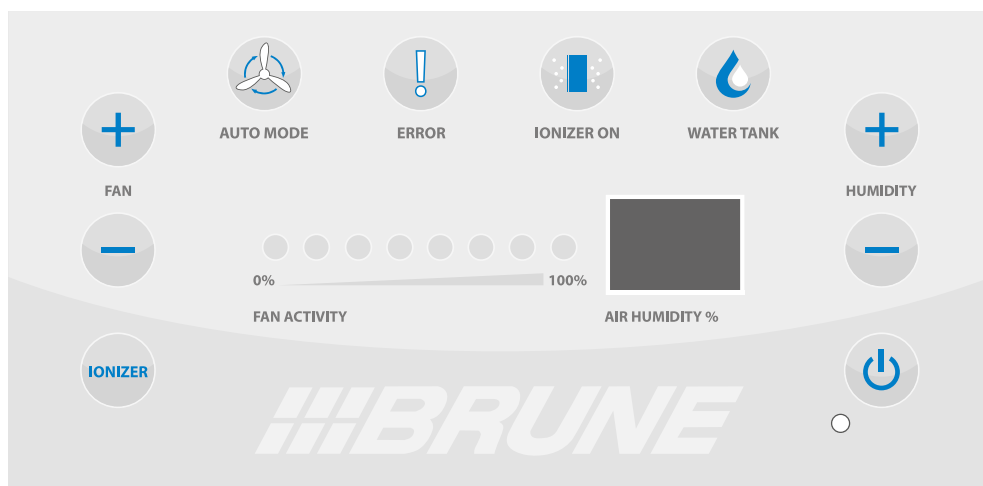


Fan

The **B 280** has nine - eight manual and one automatic - air fan levels available.

In automatic mode the unit adjusts the speed – and thus the humidification – automatically to the current needs: the larger the difference between the actual and desired humidity, the faster the fan will work. If the actual humidity approaches the set point, the automatic mode reduces its performance accordingly. Alternatively, eight manual speed settings can be used; these offer the user the opportunity to adapt the performance and the sound level of the **B 280** to your individual needs.

the evaporation drum



Operation

The control panel of the **B 280** offers you fast access to the functions of the unit and informs at a glance about the current situation: humidity value, fan mode, water level (full or empty) and ionization (on or off) are displayed and can be set.

In addition, the very clearly designed control panel can be positioned in such a way, that controlling the display becomes even more comfortable.

Moisture Control

The **B 280** has an internal moisture sensor, which constantly measures the current humidity and then displays the value percent accurately on the display. After adjusting the desired nominal humidity value, the device adopts the control autonomously and ensures that the desired value is reached. In the event that particularly accurate humidity values are required, the **B 280** is optionally available with a separate humidistat.

COMFORT **B280**

COMPACT, VARIABLE AND COMFORTABLE

Ionization

The concentration of ions as well as the ratio between positively and negatively charged ions in the ambient air contributes to the air quality. With the ionization of the **B 280** you can therefore enhance the quality of the air and thus the wellbeing. Since dust particles accumulate at the ions, the ionization also cleans the air.

Water level indicator

The unit monitors the level of the water tank. Once it is empty, the unit switches off automatically and informs by an indicator on the control panel that water must be refilled.

Keyboard lock

The **B 280** has a keypad lock, which can be activated by means of a hotkey and disables input on the control panel. This way, intentional or accidental changes of the set parameters by unauthorised persons can be prevented.

Filters

The evaporation filters of the **B 280** are made of special filter foam, which has a particularly large evaporative surface due to its porous structure. This ensures the significantly high evaporation performance of the **B 280**.

Options

Optionally the **B 280** is available with an automatic water supply, which enables connection of the unit to a water pipe. This eliminates having to manually fill the unit with water. For safety reasons we recommend the use of appropriate safety accessories as well (water monitor, safety pressure hose and safety collection reservoir).

For high-precision humidity value measurements in the room the **B 280** is also available with a wireless sensor system. The humidistat can be placed anywhere in the room and transmits the moisture readings to the unit. Moreover, this system allows a combined operation of the **B 280** and the HP 50 dehumidifier.

As another option, the **B 280** humidifier is available with a UV-C lamp for disinfection. The central position of the lamp makes that the water in the tank, the secondary air, and the inner evaporative filter are subjected to UV-C rays, creating a germ-reducing effect.

B280

TECHNICAL SPECIFICATIONS

DESIGN

Colours*:	RAL 9003 signal white / RAL 7016 anthracite grey
Dimensions (L x H x W):	64.5 x 66.5 x 29.5 cm
Empty weight:	approx. 14 kg

CHARACTERISTICS

Power supply:	100-240 V; 50/60 Hz
DC input:	24 V; 2.5 A
Power consumption:	45 W
Water tank capacity:	approx. 25 litres

OPERATING DATA

For rooms up to:	max. 180 m ² and max. 500 m ³
Air flow rate up to:	max. 500 m ³ /h
Evaporation capacity:	max. 1,2 litres/h
Noise level:	32 - 44 dB (depending on the fan speed)

ACCESSORIES

Built-in accessories (optional)

- UV technology
- Humidistat
- Automatic water supply

Safety accessories (optional, recommended for units with automatic water supply)

- Safety collection reservoir as an extra protection against water leakage
- Safety pressure hose for direct water connection
- Water monitor for protection against overfilling (*cannot be used with recycled water*)

Technical modifications reserved

*Colour representation may differ from the actual colour of the unit / housing



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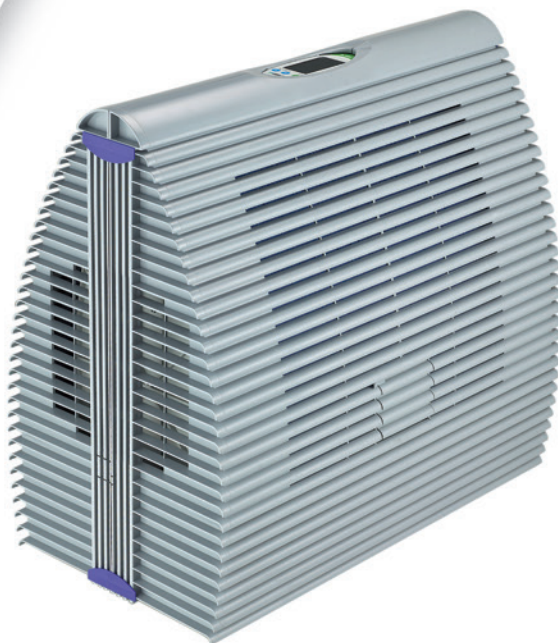


THE NEW **B300**

MOISTURIZE, CLEAN, STERILIZE

*State-of-the-art technique
in a superior design*

The *ideal unit* for indoors,
up to *approx. 600m³*



KLICON



exhibition rooms/
museums



offices



living areas

THE NEW **B300**

MOISTURIZE, CLEAN, STERILIZE

„The B 300 at a glance“

The air humidifier **B 300** is the latest development by BRUNE, which combines high performance with a superior design. It follows the natural principal of evaporation and provides high performance, ultra quiet humidification. A UV-C germicidal lamp significantly reduces levels of harmful bacteria, viruses, mold spores and other microorganisms for healthier indoor air. The quality of indoor air will improve easily and effectively.

Key benefits:

- No installation required, plug-in and operate anywhere it is needed: portable (wheels) or stationary
- Full electronic control
- Easy-to-use control panel with display for actual and desired % r.h., water level and fan performance level
- Economic and energy efficient ultra quiet and low power consumption
- 2-stage fan with automatic function
- Air cleaning through filter and built-in germicidal UV-C system
- High evaporation performance
- Tap water use and large water container (25 ltr.)
- Precipitation-free humidification
- No lime deposits on indoor furnishings

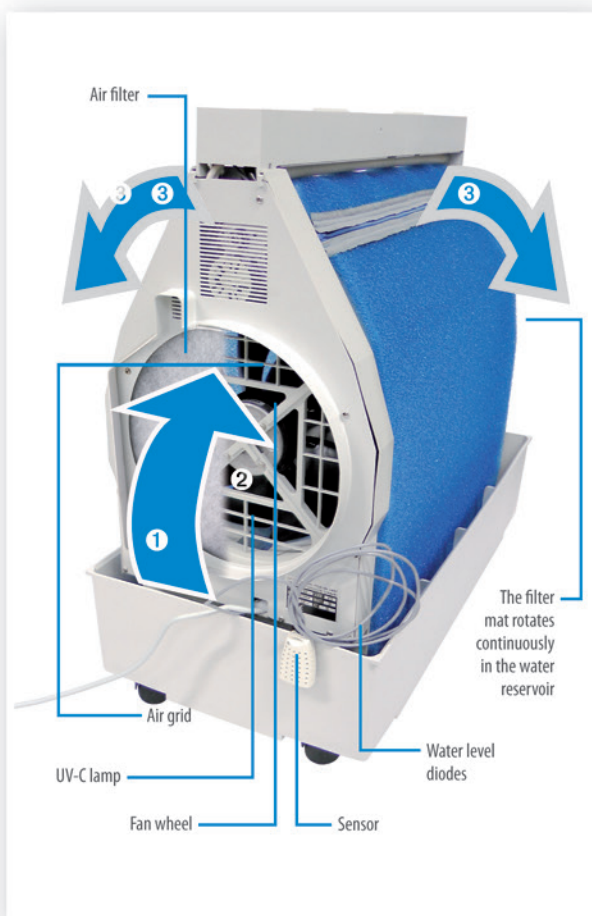
Typical examples:

- Living areas
- Offices
- Exhibition rooms
- Production facilities
- Libraries
- Museums
- Galleries
- Data processing rooms
- Telephone exchanges
- Laboratories
- Book shops
- Print shops
- Hospitals
- etc.

A clean job

UV-C rays have a highly effective sterilising effect. Consequently, they are already extensively used in the process of water treatment. The intelligent configuration of the germicidal UV-C lamp in the **B 300** allows water in the water reservoir, the drawn-in indoor air, as well as the filter medium to be UV-C-rayed. The UV-C lamp provides optimum sterilisation - producing healthier indoor air. This procedure is completely ozone-free and imposes no health risks.

Air and water purification with germicidal UV-C rays



1. Air is taken in through the air filter.
2. The UV lamp irradiates the water in the inner unit, the air, and the evaporation filter.
3. The disinfected and moisturized air is then pushed outside through the evaporation filter.

Air cleaning

Clean all around!

An additional air filter in the air intake duct of the fan, filters out dust and air particles. Afterwards the air is passed over the water and exhausted back into the room through the evaporator filter, which ensures additional air cleaning.

In combination with the intensive disinfecting through the UV-C-lamp, an efficient air treatment has been made possible that ensures an even cleaner air.

Sensor





The Display

Keeps you informed at all times!

The display situated on the external surface of the humidifier B 300 keeps you informed at any time. It shows the current relative humidity level in the room, the level of the water reservoir, and the selected fan performance.

The Water level indicator

The reservoir does not have to be removed. The control panel informs you about the humidifier's water level.

If the reservoir is empty, the humidifier will shut off automatically and a flashing light will signal that the reservoir must be refilled.

Humidity control

No more worries!

You can leave it to the control system. You can set the humidity level by pressing "+" or "-". The humidifier operates automatically until the selected level is reached and then shuts off automatically. If the humidity level falls below the one originally selected, the humidifier unit switches back on automatically.

The Fan

The fan with auto function – easy switch-off!

You can opt between two functions - "manual" or "automatic".

At the manual function the fan's performance is adjusted by choosing "high" or "low" or selecting the auto mode. In the latter, the output is controlled electronically, generating a higher or lower output, depending on the requirements of the surrounding air quality.

The keypad lock

Safety feature

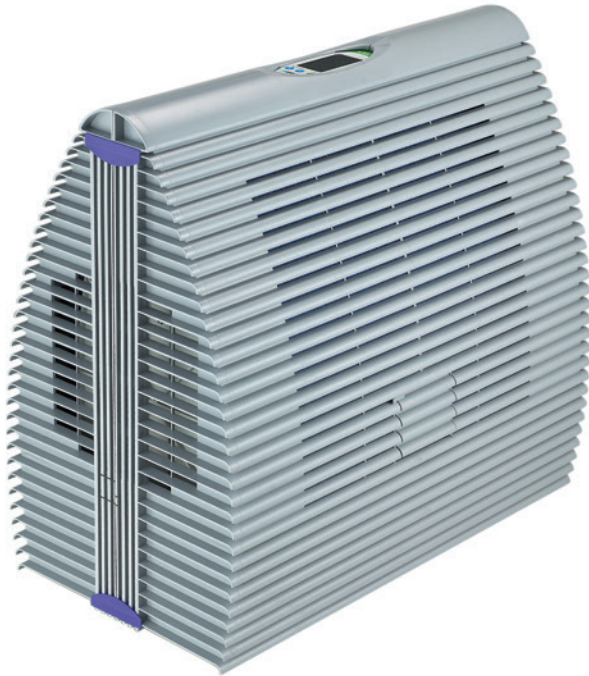
Safe is safe: if the air humidifier is operated in an open space, safety is essential especially with children around. The B 300 comes with a special safety feature. The keypad of the control panel can be locked by pressing simultaneously the keys "plus" (+), "minus" (-) and "fan", the keypad will be locked and the settings can only be changed, by again pressing the key combination.

Accessories

Automatic water intake – there is no easier way!

The humidifier can additionally be equipped with automated water intake controls. Via a magnetic valve, which is controlled by the electronic measuring of the water level, the water reservoir refills automatically, when needed. Installation is quick and easy. The humidifier can be connected to a water main by means of a connecting hose and is immediately ready for use. For safety reasons, we recommend our safety hose and the water monitor with valve. Delivery ex works only.

If you do not opt for this feature with your order, a later installation is only possible in our factory facilities.



3-Module Structure:

A system well thought-through!

The air humidifier B 300 is based on individual functional components. This allows for disassembling and handling of each component separately, such as when cleaning is required.

The humidifier comprises basically three elements:

1. The exterior element consisting of two side panels, is designed to give the humidifier an elegant appearance and at the same time to protect the inner technical unit. When opening the housing the system automatically shuts off.
2. The technical unit inside presents the core of the humidifier. It includes all technical components and can be completely removed, e.g. for cleaning.
3. The water reservoir has a 25 ltr. capacity and smoothly runs on wheels, which allows for easy transportation.

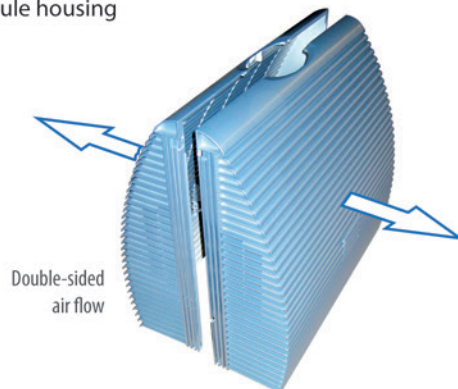
Design: New and functional!

Due to its new design, the air humidifier B 300 also fits perfectly into modern living space concepts. Clear design, with continuous consideration of functionality, provides the basic concept. By separating the inner technical unit from the exterior, while at the same time combining professional functioning and pleasing look, an elegant solution could be realized, which due to the selected components accommodates all concepts of interior design.

Materials:

All parts of the humidifier are made of plastic and are corrosion-proof. Shock-resistant plastic materials or glass fiber reinforced plastics, warrant not only a superior quality of all components, but also the prolonging of the product's life cycle. With the B 300 you have made the best choice for the future.

1. Module housing



2. Module technical element



3. Module water reservoir



B300

TECHNICAL DATA

TYPE OF CONSTRUCTION

Colour*:	RAL 7001 / silver grey
Dimensions (W x H x D):	74 cm x 70.5 cm x 41 cm (without accessories)
Housing:	shock-resistant plastic
Empty weight:	approx. 19 kg

CHARACTERISTIC VALUES

Mains connection:	230 V / 50 Hz
Power consumption:	58 watts
Water tank capacity:	approx. 25 litres

OPERATING DATA

For room sizes:	250 m ² or 600 m ³
Air flow up to:	max. 600 m ³ /h
Evaporation rate up to:	max. 1.4 ltr./h at 25°C und 20% rel.humidity
Running noise:	32 - 40 dBA (depending on the fan setting)

ACCESSORIES (optional)

- Automatic water supply incl. 2 m hose
- Water monitor incl. sensor
- Safety collection reservoir

Subject to technical modifications

*Colours may vary from actual device / device housing colour due to printing



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PROFESSIONAL *B500*

PEAK PERFORMER

*Healthy and value-
conserving indoor climate
through air humidification!*



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PROFESSI

PEAK PERFORMER

„The B 500 at a glance“

Convincing arguments:

- Mobile due to feed rollers
- Without installation; ready to use
- Use of normal tap water
- No lime deposits on device parts
- Low noise through the 5-step automatic fan
- High evaporation capacity
- Environmentally-friendly BIO filter
- Simple maintenance and care through modular design
- Safe transport using the four steering rollers and thanks to spill-over protection
- Maintenance and malfunction information from the self-diagnosing system
- Filter change and water level display
- Reduction of bacterial formation through UV sterilisation and limestone conversion (optional)
- Healthy indoor climate through air cleaning (optional)
- Direct water connection and automatic cleaning device (optional)
- Wide range of safety accessories (optional)
- Economical operation
- High degree of accuracy through radio measurement
- 50 litres water reserve

Typical examples:

- Living areas
- Offices
- Music rooms
- Libraries
- Museums
- Galleries
- Parquet floors
- Data processing rooms
- Telephone exchanges
- Laboratories
- Book shops
- Print shops
- Hospitals
- Humidors
- etc.

CONAL B500



“Clean, reliable and convenient”

Wireless sensor measurement!

The wireless hygrosat, with a range of up to 30 m, measures the humidity in the room and forwards the data directly to the B 500 Professional which then self-adjusts its output automatically.

The digital measurement values are so stable and accurate so that the deviation over 5 years is at a maximum of 3%. The hygrosat is simply and quickly mounted to the ceiling with a hook and loop fastener and is equipped with a signal generator which clearly indicates when a battery replacement is needed.



Teamplayer!

The B 500 Professional, together with our dehumidifier DEHUMID HP 50, can be operated via a common radio hygrosat. A humidity corridor can be obtained in the room with this distinct interplay of humidification and dehumidification.

Using the 'Brune Web module', the control and monitoring of both devices can be done monitored from anywhere via a network access.



B500

PROFESSIONAL

UV-sterilization and lime conversion cartridge

Simple and hygienic - The use of the UV-sterilization and lime conversion cartridge reduces the germ development and avoids lime deposits in the humidifier.



Water distribution

Bio-filter

Lime conversion cartridge
based on a magnetic field

Crystal glass tube

VA tube

Air inlet

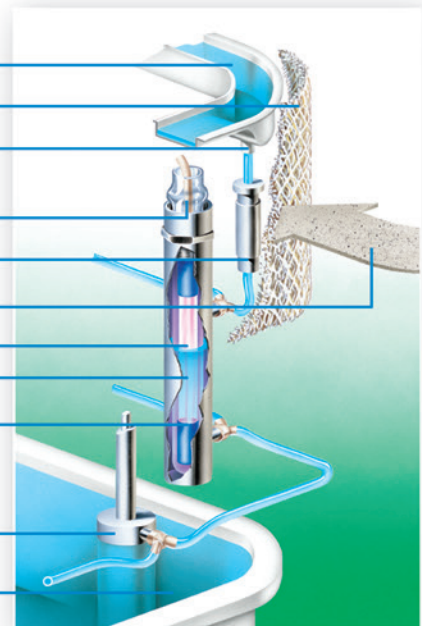
UV radiator

Sterilised water

Sterilised area

Pump

Water container



Optionally, limestone formation can be significantly reduced and limestone deposits prevented with UV sterilisation and limestone conversion.

A low pressure mercury lamp which works in the UV range, kills most microorganisms effectively disinfecting the humidification water which is returned into the device's water cycle with a reduced microorganism count.

The effectiveness of the UV sterilisation was tested at the Fresenius Institute in September 1993:

'The device with UV sterilisation (Pr.Nr. 93TM062867) led to a reduction in the number of aerobic bacteria by approximately three times the power of ten in comparison to the device without the UV sterilisation (Pr.Nr. 93TM062868).'

The limestone conversion cartridge generates a magnetic field via a permanent magnet which changes the molecular structure of the limestone in such a way that it can no longer be deposited on the surfaces of the device.

In this way, clean, softened water with a reduced number of germs is continuously supplied to the filter.



Simply clean!

The B500 Professional can be retrofitted to an air cleaner using the optional activated charcoal filter set. Dust and odours can be filtered out of the air.

Additionally, suspended particles in the air and minerals in the water remain behind in the device's evaporation filter and water tank through the evaporation process. We are also able to treat the water located in the device with our UV technology and the limestone conversion cartridge. In this way, the B 500 Professional provides a healthy and value-conserving indoor climate.

Simply convenient!

The **B 500 Professional** functions with normal tap water. This enables a direct supply of water (optional) and manual filling is no longer needed. The water supply is done using an electronically controlled solenoid magnetic valve which opens when the minimum water level is reached and is stopped at a specified maximum level of water supply.

An automatic flushing device is optionally available for the **B 500 Professional**. In this way, you have the possibility of replacing the water in the tank thus preventing limestone and contamination deposits.

The residual water is pumped out of the tank using a separate flushing pump and automatically replaced with fresh water using the direct water connection. You can manually trigger the flushing via remote control or programme an automatic flushing interval via the **B 500 Professional's** remote control.

The flushing pump can also be used as a safety pump. If the maximum filling level is exceeded, it removes extra water until the normal filling level has been reached again.

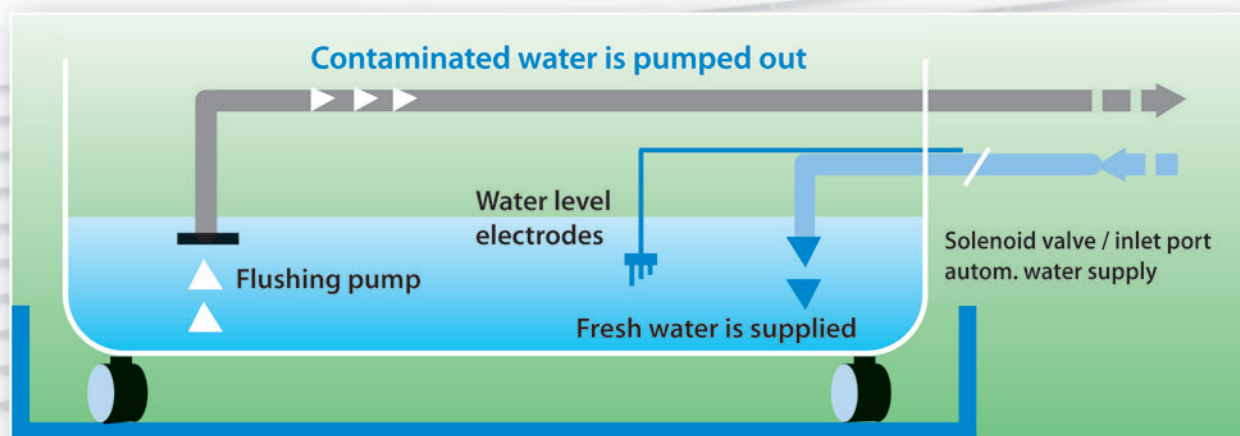
Simply reliable!

Through the operation and programming via the supplied infrared remote control, undesired manipulations of the settings by unauthorised persons directly on the device are being excluded.

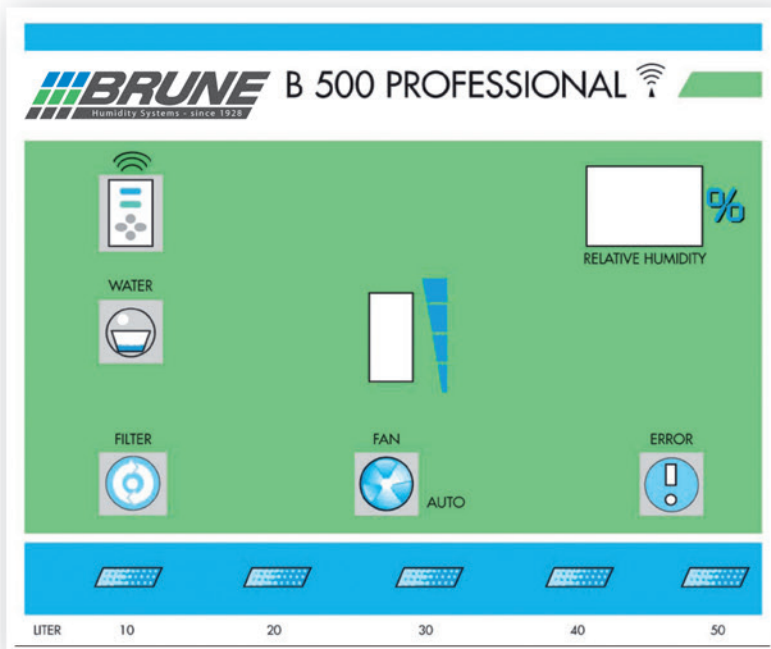
The self-diagnosis system assists you in detecting needed filter replacements and in eliminating any malfunctions. The messages can be forwarded to an external system via an alarm relay.

Bulkhead partitions and overspill protection prevent spilling of the water when the **B500 Professional** is moved.

With the integrated water level electrodes, not only the water level is displayed on the operating display but the **B 500 Professional** is automatically switched off if the water supply is depleted.



PROFESSIONAL B500



Simple operation!

The **B 500** Professional's operating display provides you with quick information on the current humidity in the room and the operating status (water level, fan setting, filter replacement display, any malfunctions, etc.).

The operation and programming of all **B 500** Professional functions such as the setting of the fan speed, the room target humidity or the programming of the automatic operation is done using the infrared remote control included in the delivery.

Fan!

Now even...

- more output
- higher energy efficiency
- quieter operation
- simpler maintenance

The **B 500** Professional has an especially quiet radial fan which can be controlled at 5 settings. There are 4 manual settings and one automatic setting available.

In the automatic setting, the fan rpms self-adjust dependent on the output requirements and thus provide for the B 500 Professional's optimal performance.



Our references!

Germany:

- Museumslandschaft Hessen, Kassel
- Städtisches Kunstinstitut Frankfurt
- Städtisches Museum Braunschweig
- Historisches Museum Frankfurt
- Staatliche Kunsthalle Karlsruhe
- Kunsthalle Hamburg
- Museum für Kunst und Gewerbe, Hamburg
- Bucerius Kunstforum, Hamburg
- Museum für Kunst- und Kulturgeschichte, Lübeck
- Staatliche Museen zu Berlin
- Bauhaus, Dessau
- Musikinstrumentenmuseum, Leipzig
- Stadtmuseum Dresden
- Landau Media, Berlin
- Museum für Stadtgeschichte, Dessau
- Wendt + Kühn, Erzgebirge
- Staatliche Kunstsammlungen, Dresden
- Bayerisches Nationalmuseum, München
- Bayerische Verwaltung der staatl. Schlösser, Gärten und Seen
- Bayerische Staatsgemäldesammlungen, München
- Bayerische Staatsoper, München
- Münchener Stadtmuseum
- Oberhausmuseum, Passau
- Diözesanmuseum, Freising
- Diözesanmuseum, Eichstätt
- Staatliches Museum für Völkerkunde, München
- Staatliche Hochschule für Musik, Trossingen
- Stadtmuseum Düsseldorf

Switzerland:

- Johann Kläui Bibliothek, Uster
- Johann Jacobs Museum, Winterthur
- Aargauer Kunsthaus, Aarau
- Schloss Rhäzüns, Rhäzüns
- Musée d'archéologie et d'histoire, Lausanne
- Historisches Museum, Basel

France:

- Musée de l'oeuvre Notre Dame, Straßburg
- Musée Alsacien, Straßburg
- Cabinet des Estampes, Straßburg

Poland:

- Muzeum Narodowe, Poznań
- Muzeum Narodowe, Kielce
- Muzeum Śląska, Opolskiego, Opole
- Muzeum Pomorza Środkowego, Słupsk
- Muzeum Historyczne, Breslau
- Muzeum Łowiectwa i Jeździectwa, Warszawa
- Muzeum Łazienki Królewskie, Warszawa
- Muzeum Narodowe, Breslau
- Archiwum Główne Akt Dawnych, Warszawa
- Książnica, Cieszyńska, Cieszyn
- Biblioteka Ossolineum, Breslau
- Pałac Wilanów, Warszawa
- Muzeum Literatury w Warszawie, Warszawa

Hungary:

- Szépművészeti Múzeum (Museum of Fine Arts), Budapest

Russia:

- Pusckinmuseum, Moskau
- Historisches Museum, Moskau
- Museum der Stadtgeschichte, Moskau
- Museum für angewandte Kunst, Moskau
- Kunstgalerie in Chanty-Manssijsk
- Kunstmuseum, Surgut

Belgium:

- Musée de la Laine, Verviers
- Musée de l'Orfèvrerie - Seneffe
- Musée Royal d'Art et d'Histoire, Brüssel
- Musée des Instruments de Musique, Brüssel

England:

- Garstang Museum of Archeology, University of Liverpool
- Birmingham Museum and Art Gallery

Australia:

- Grand Hyatt (Casa Habana), Melbourne

United Arab Emirates:

- Emirates Towers, Dubai
- Abu Dhabi Marina Mall, Abu Dhabi
- Intercontinental Hotel, Dubai
- Sheikh Rashid Terminal, Dubai
- La Casa Del Habano outlets, Dubai
- Fairmont, Dubai
- Armani Hotel, Dubai
- Sheraton, Abu Dhabi
- Le Meridien, Dubai

Oman:

- Oasis by the Sea, Muscat

Iran:

- Esteghlal Hotel Towers, Teheran

B500

TECHNICAL DATA

TYPE OF CONSTRUCTION

Colour*:	RAL 9001	RAL 7035	RAL 7022
Dimensions (W x H x D):	75.5 cm x 62 cm x 36.5 cm (without accessories)		
Casing:	shock-resistant plastic		
Empty weight:	approx. 21 kg		

CHARACTERISTIC VALUES

Mains connection:	230 V / 50 Hz
Power consumption:	95 watts (without accessories), max. 130 watts
Water tank capacity:	approx. 50 litres

OPERATING DATA

For room sizes up to:	max. 420 m ² or 1000 m ³
Air flow up to:	max. 900 m ³ /h (depending on the fan setting)
Evaporation rate:	max. 2.6 ltr./h at 25°C and 20% r.h.
Running noise:	approx. 32 - 44 dBA (depending on the fan setting)

ACCESSORIES

Installed accessories (optional)

- UV water treatment and limestone conversion
- Automatic water supply
- Automatic flushing device
- Activated charcoal cleaning set for air cleaning
- Web module for control and monitoring of the settings via a network

External accessories (optional)

- Safety water sensor against uncontrolled water leakage
- Safety pressure hose for direct water connection
- Water monitor incl. sensor
- Safety collection reservoir as additional protection against leakage
- Drainage hose for flushing (60-200 cm)
- Air scoop

Subject to technical modifications

*Colours may vary from actual device/ device housing colour due to printing



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