



# DESIGN *B300*

MOISTURIZE, CLEAN, STERILIZE

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

*The ideal unit for indoors,  
up to approx. 600m<sup>3</sup>*





exhibition rooms/  
museums



offices



living areas

# DESIGN **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

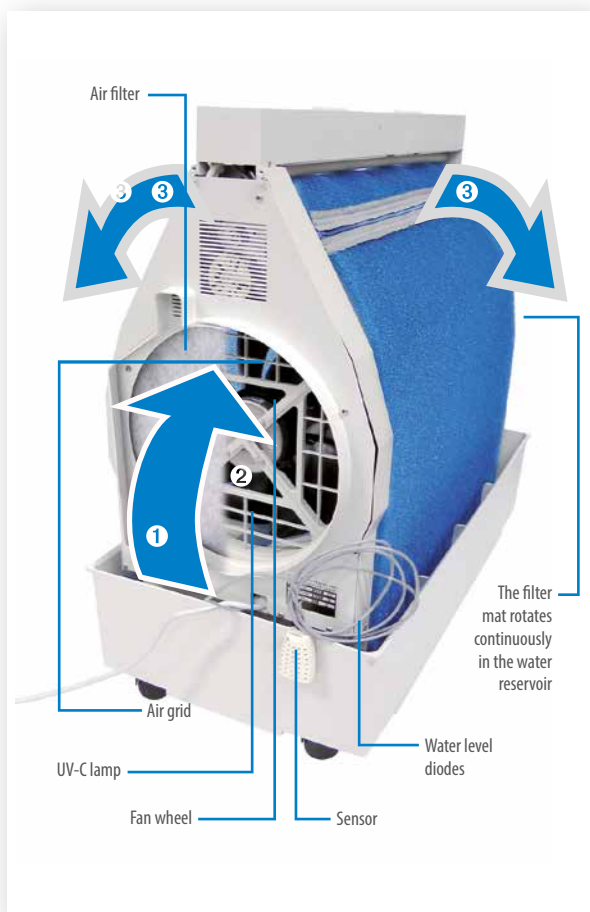
#### *Typical examples:*

- 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





## 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 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.

## 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 <sup>2</sup> or 600 m <sup>3</sup>
Air flow up to:	max. 600 m <sup>3</sup> /h
Evaporation rate up to:	max. 1.4 ltr./h
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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