

HUMIDIFIER

*Mobile professional large-volume humidifier
for the highest demands.*

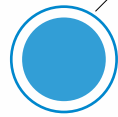
B 600

professional

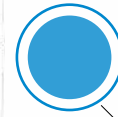
MODERN



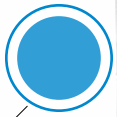
**HEALTHY
CLIMATE**



COMFORTABLE



QUALITATIVE



**SAFE IN
OPERATION**



BOUNDLESS MOBILITY





HUMIDIFIERS FOR THE **HIGHEST** **DEMANDS**

Its structured design, the use of high-quality materials and the high performance make the B 600 humidifier a reference in the mobile humidification segment. Its extensive range of accessories makes it flexible, easy to use and ready for immediate use without any major installation effort.

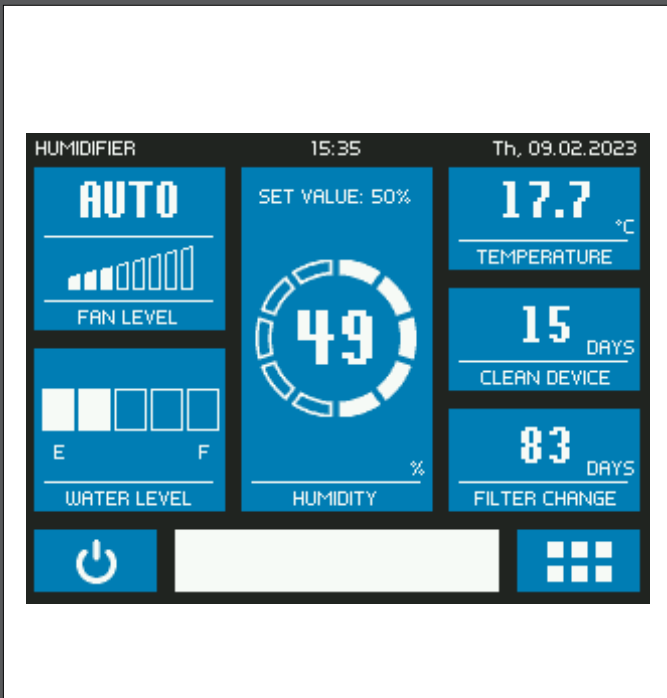
The further development of the B 500, which is appreciated by customers all over the world, also effortlessly meets professional requirements and supports them in maintaining constant climate conditions. Through air humidification, we create a healthy and value-preserving room climate!





BOUNDLESS MOBILITY

- ✔ Swivel castors
- ✔ Ready for operation without installation
- ✔ Large water tank of 50 litres
- ✔ Operation with conventional tap water or treated water possible



COMFORTABLE OPERATION

- ✔ Low-noise due to the 8-speed automatic fan
- ✔ Easy maintenance and care due to modular design
- ✔ direct water connection and automatic rinsing device (optional)
- ✔ Maintenance and fault indications through the self-diagnosis system
- ✔ Clearly arranged control unit with touch display and indication of humidity and temperature
- ✔ Programmable fan operation with timer
- ✔ High measuring accuracy due to radio moisture measuring system
- ✔ low-cost operation



SAFE IN OPERATION

- ✓ Safe transport thanks to spill protection and overlapping design
- ✓ Reduction of germ formation through UV disinfection and lime conversion (optional)
- ✓ Extensive safety accessories (optional)
- ✓ No limescale deposits on furnishings and fittings
- ✓ high evaporative capacity
- ✓ Different filter media available
- ✓ PIN provides additional protection against unauthorised access



HEALTHY CLIMATE

- ✓ Operation as an air purifier is possible. Different filter media are available for this purpose (air filter, activated carbon filter) are available.
- ✓ Pre-filtration of the air (air filter class coarse dust, F 7, H 10)

MODERN

- ✓ The B 600 is supplied with a Wifi module as standard.
- ✓ Via an app or by logging in to the BRUNE database, the device can be monitored and controlled. In the database, the recording of climate is possible.

QUALITATIVE

- ✓ Use of high-quality plastics with UV protection. Additionally they are easy to clean and robust against descalers and cleaning agents
- ✓ Stainless steel shafts and stainless steel ball bearings
- ✓ Safety glass cover with damper lowering





A REAL TEAM PLAYER

COMMUNICATIVE

***THE USE OF THE RADIO MOISTURE MEASUREMENT SYSTEM MAKES THE B 600
A REAL TEAM PLAYER.***

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

Due to this overlap-free interaction of the units, a humidity control system can be created by combining air humidifiers and dehumidifiers. This makes it possible to create a desired humidity corridor in the room.

The standard built-in Wifi system also allows the units to be monitored and controlled remotely.



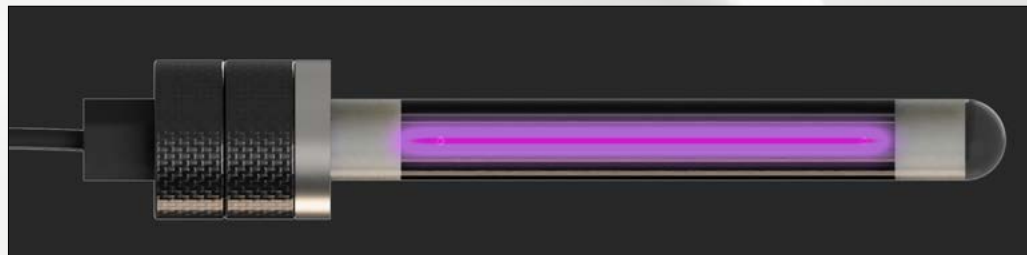
UV DISINFECTION & LIMESCALE CONVERSION

THE USE OF THE UV DISINFECTION AND LIMESCALE DEPOSITS. CARTRIDGE SIGNIFICANTLY REDUCES GERM FORMATION AND LIME DEPOSITS.

UV technology produces a short-wave light that destroys the cell structures of most microorganisms and germs, thus killing them. In the B 600, the humidifier water is permanently pumped through a stainless steel body in which a UV low-pressure lamp, protected by a quartz glass, has been installed. This creates a thin water-bearing layer between the quartz glass and the stainless steel body, which is irradiated and disinfected very intensively and effectively due to the short distance to the lamp.

The purified water is then returned to the water circuit and fed directly to the evaporation filter via the limescale conversion cartridge.

The limescale conversion cartridge uses permanent magnets to generate a magnetic field that changes the molecular structure of the limescale in such a way that it is less likely to be deposited on surfaces in the appliance. In this way, the evaporation filter is permanently supplied with clean, decalcified and germ-reduced water.



HYGIENIC OPERATION THROUGH AIR FILTRATION

Before the air is fed into the unit, it is pre-cleaned by filtering out dust and particles in the intake area. Different filter types (coarse dust, F 7 and H 10) are available for this purpose. In addition to the general air improvement, the pre-cleaning supports the hygienic operation of the humidifier.

During the evaporation process itself, minerals and limescale from the water remain in the evaporation filter of the unit. This prevents limescale deposits on fixtures and fittings.

Regular replacement of the filters supports the function and trouble-free operation of the unit. The adjustable filter change indicator supports you in this.

In winter operation, at the customer's request, the air filtration can be reduced by using the coarse dust filter in favour of the evaporation capacity. However, the use of the class F 7 filter in combination with the coarse dust pre-filter is recommended.

In summer mode, the humidification function can be deactivated in the operating display and the B 600 can be used for air purification. In this case, it is recommended to use the higher pre-filter classes (coarse dust in combination with Hepa H 10) and the activated carbon filter as a replacement for the evaporative filter. The activated charcoal filter also absorbs odours and gaseous substances and thus additionally increases the quality of the air. Please note, however, that the activated carbon filter is not suitable for evaporative operation.





EVEN MORE COMFORTABLE IN THE CONNECTION

The B 600 works with normal tap water or also with treated water. By using a new float technology, the water level measurement of the B 600 works independently of the water quality. Furthermore, the B 600 uses modern quick coupling systems for connection to the water or waste water network, which allows easy installation or deinstallation without tools.

These innovations promise reliable operation and easy handling of the direct water connection. Refilling by hand is no longer necessary and makes operation even more convenient. Water is supplied via an electronically controlled solenoid valve that opens when the minimum water level is reached and stops the water supply at a preset maximum level.

An automatic flushing device is also available as an option for the B 600 Professional. This gives you the option of simply replacing the water in the tank and thus reducing limescale and dirt deposits. The residual water is pumped out of the tank via a separate rinsing pump and automatically replaced by fresh water via the direct water connection. You can trigger the rinsing process yourself via the touch display of the B 600 or programme an automatic rinsing interval.

The rinsing pump can also be used as a safety pump. If the alarm level is exceeded, it pumps out the excess water until the normal level is reached again. In addition, a warning tone sounds and is shown in the display.

SIMPLE OPERATION THROUGH A MODERN DISPLAY

The modern touch display informs you about the operating parameters such as current relative humidity, room temperature, fan stage, maintenance indications or warning messages. Due to the language selection options, several languages are available for selection, which significantly increases comfort.

In addition, you can switch to further submenus and make various settings yourself (timer, radio coding, maintenance intervals, pin assignment, Wifi settings). In this way, you can programme the B 600 according to your own ideas and adapt it to your circumstances.



BLOWER EFFICIENT & COMFORTABLE

The new, more powerful EC centrifugal blower is even more efficient and offers increased comfort as compared to the one in the B 500. Furthermore it comes with IP54 protection. In automatic mode, the speed of the fan adjusts automatically depending on the power requirement and thus ensures the optimum performance of the B 600. In manual mode, you have 8 levels to choose from, which makes it even easier to find the right level for you.

Due to the use of high-quality plastics and stainless steel shafts as well as stainless steel ball bearings, the fan also permanently withstands the high requirements and once again underlines the professional character of the B 600 humidifier.



EXAMPLES OF USE



- ✓ Living rooms
- ✓ Office
- ✓ Music rooms
- ✓ Libraries



- ✓ Museums
- ✓ Galleries
- ✓ Parquet floors
- ✓ Data processing rooms



- ✓ Call center
- ✓ Printing house
- ✓ Hospitals
- ✓ Humidors
- ✓ etc.



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CONTROLLED HUMIDIFICATION

PROTECTS VALUES AND YOUR HEALTH!

Controlled air humidification helps to protect your health, your values or production processes in many areas. In the office, an air humidity in the range of 40 to 60 % is an ideal prerequisite to ensure your health, your performance and also your well-being in the long term. This has been scientifically proven. Without active air humidification, this is often impossible to maintain.

If the humidity is too low, mucous membranes dry out and thus favour the development of colds, for example. Furthermore, viruses, germs or even dust particles are much more able to fly, which has further negative effects. Too little humidity can also dehydrate the body, which reduces performance.

Through controlled humidity, you thus create feel-good conditions for your body and your health.

Controlled air humidity is also indispensable for the preservation of priceless values, such as in museums. If the air humidity is too low, wood, paint, paper, leather or other hygroscopic materials can be permanently damaged. Active air humidification protects and preserves these values.

Interruptions in the production process are unpleasant and sometimes also very cost-intensive. Especially in sensitive, qualitatively demanding processes, even a small difference in humidity can influence the result and delay the process or render entire batches unusable. Therefore, controlled air humidification and active quality management are also indispensable in the production area.

**WE HAVE THE SOLUTION!
MOBILE, POWERFUL, PROFESSIONAL AND SIMPLE TO USE!
THE NEW **B 600 PROFESSIONAL** HUMIDIFIER.**



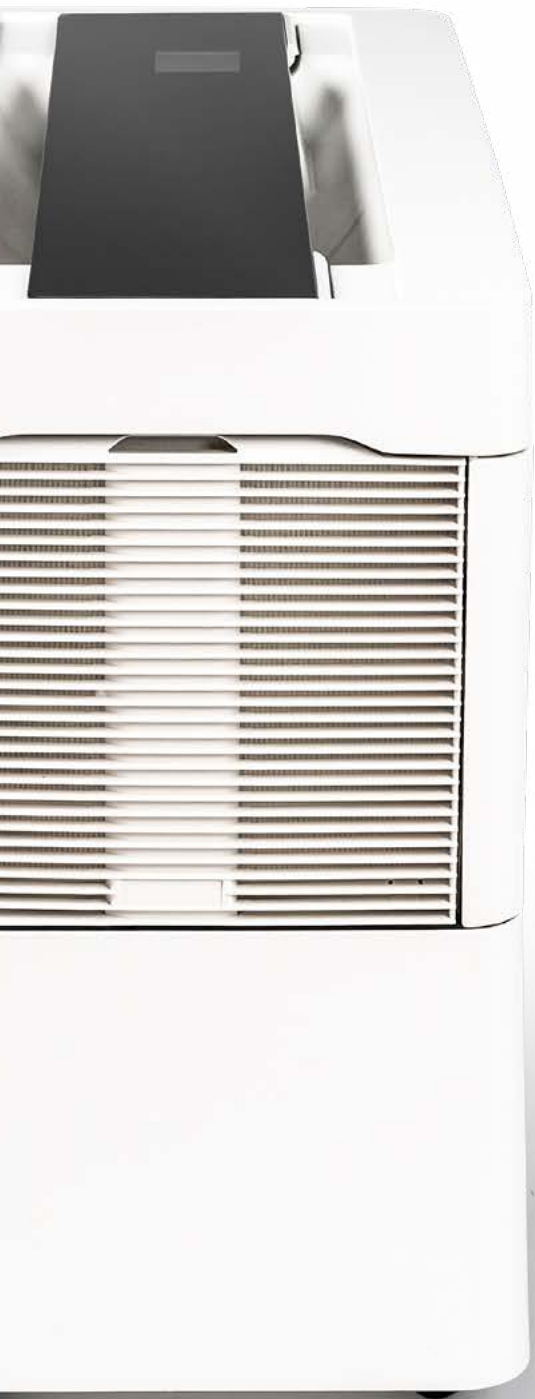
TECHNICAL DATA

Measurements & weight

Specification	Value	Unit
Weight	28	kg
Width / Height / Depth	850 / 630 / 390	mm
Volume of water tank	50	l
Use for rooms up to	max. 420 / 1000	m ² / m ³
Air flow	approx. 900	m ³ / h
Evaporation performance	max. 2,6	l / h at 25°C and 20% r.h.
Operating noise	approx. 32-58	dB(A) (depending blower level)

Technical specs (Electric)

Specification	Value	Unit
Voltage	220-240	V
Frequency	50-60	Hz
Power consumption, maximum (with special equipment)	max. 130	W
Protection, min.	10	A
Maximum water pressure when connected to the water supply network	1	MPa
Minimum water pressure when connected to the water supply network	0	MPa



 **BRUNE**
Luftbefeuchtung Proklima GmbH
Humidity Systems - since 1928
