



The b500 Electronic operates in accordance with the evaporation principle which is proven to be one of the best methods for humidification as it ensures that no calcium deposits or water precipitation can form.

Great importance has been attached to ensuring virtually silent operation in an environmentally friendly manner. The humidifier is electronically controlled, an integrated hygrostat keeps the humidity at the required level. In addition to thoroughly humidifying the air, the b500 Electronic also serves another purpose, it filters, purifies and rids the air of dust. Furthermore, it prevents static from forming.

The unit operates on normal or purified tap water. The b500 is normally filled by hand, however, the connection facilities to add an automatic water supply and overflow are already provided on the unit.

Its elegant, timeless design ensures it blends discreetly into any surroundings. The housing is made of the most durable plastic, designed to be anti static, resistant to acid and alkali, absolutely corrosion-proof and dimensionally stable. Cleaning poses no problems as the relevant assemblies can be removed from the unit without the use of tools.

The design pays particular detail to safety features. A screen guard protects all moving parts such as the blower wheel and pump vanes. The water tank is fitted with a baffle system in order to avoid spillage when moving the unit. Once the supply of water has been used up, the humidifier turns itself off automatically. The b500 Electronic is a compact environmental monitoring solution.

b500 humidifier

Product Code Z100
Series Control

Typical Applications

- ° Temporary climate control
- ° Galleries
- ° Archives
- ° Museums
- ° Libraries
- ° Storage rooms

Instrument

Dimensions: 75.5 x 62 x 36.5 cm
Weight: 24 kg

Power Supply: 240 volts 50/60Hz AC 1.5kW

Case Materials: Durable anti-static plastic

Colours: White, light grey, anthracite

Controls: Electronic accessed via remote control

Evaporation capacity: 2.5l/h at 25°C and 20% RH

Evaporation filter area: 800 m²/h 3.5 m²

Water Capacity: 50 litres

Radio Transmitter (if fitted)

Dimensions: 110 x 67 x 23 mm

Weight: 265 grams

Power Supply: 9 volt PP3 battery

Battery Life: 18 months

Humidity

Sensor: Vaisala capacitive polymer

Humidity Range: 0 to 100% RH (non condensing)

Sensor Accuracy: +/- 2% over full range

Resolution: 0.1%

Switching Hysteresis: Programmable between 1 to 5%

Radio Frequency: 434.075 MHz

Radio Power: 10 mW

Transmit Rate: Every 2.5 minutes

Accessories

Hanwell radio control

Automatic flood detection

Air scoop to duct output

Water monitor

Air cleaning filters

Manual/automatic flushing