



**b250-**  control

The b250 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 precipitating.

Depending on your needs, two different fan speed stages are available (1/2 speed or automatic). In the automatic 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.

**MAIN FEATURES:**

- Economic operation – low noise operation, minimum power consumption
- Air cleaned by a separate filter in the intake area
- Uses tap water
- Precipitation free humidification
- No lime deposits on room furnishings and fittings
- No installation required, plug and go
- Fully portable

The ideal unit for rooms up to 500 m<sup>3</sup>

## Controlproducts

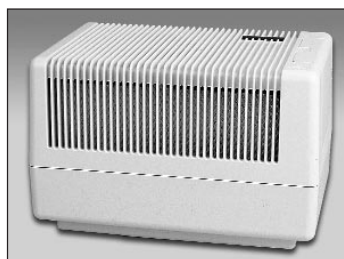
H U M I D I T Y C O N T R O L

**Typical Applications**

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

**Options & Accessories**

- Hanwell radio control
- Automatic water supply
- Water monitor
- Water freshener
- Humidistat control (b125)



**b125-**  control

The b125 can be used in small rooms and showcases requiring gentle humidification. It is not recommended to use humidifiers in showcases without a control system.

**MAIN FEATURES:**

- Economic operation – low noise operation, minimum power consumption
- Uses tap water
- Precipitation free humidification
- No lime deposits on room furnishings and fittings
- No installation required, plug and go
- Fully portable

This unit is suitable for rooms up to 60 m<sup>3</sup>

**Specification**

ISO9001:2000 certified

	<b>B250</b>	<b>B125</b>	<b>Hanwell radio control (if fitted)</b>
<b>Case height</b>	60 cm	44 cm	<b>Transmitter dimensions</b> 110 mm x 67 mm x 23 mm
<b>Case width</b>	67 cm	28 cm	<b>Weight</b> 65 grams
<b>Case depth</b>	30 cm	30 cm	<b>Humidity sensor</b> Vaisala capacitive polymer
<b>Weight (empty)</b>	Approximately 20 kg	Approximately 4.5 kg	<b>Humidity sensor range</b> 0 to 100% RH (non condensing)
<b>Power supply</b>	230 volts 50Hz	230 volts 50Hz	<b>Humidity sensor accuracy</b> +/- 2% over full range
<b>Power consumption</b>	Approximately 50 W	Approximately 25 W	<b>Humidity resolution</b> 0.1%
<b>Evaporation capacity</b>	1.2l/hr. at 23 °C and 45% RH	950g/hr. at 25 °C and 20% RH	<b>Switching hysteresis</b> Programmable between 1 to 5%
<b>Evaporation filter area</b>	3m <sup>2</sup>	88 x 14.8 x 1.2 cm	<b>Radio frequency</b> 434.075 MHz
<b>Water capacity</b>	25 litres	11 litres	<b>Radio power</b> 10 mW
<b>Housing</b>	Pressed steel	Durable antistatic plastic	<b>Power supply</b> 9 volt PP3 battery
<b>Colour</b>	Grey/white	White	<b>Battery life</b> 18 months
<b>Controls</b>	Electronic	Electronic	<b>Sensor transmit rate</b> Every 2.5 minutes



- DATALOGGERS
- CONTROL PRODUCTS
- TEMPERATURE
- RADIOLOGGERS
- HUMIDIFIERS/DEHUMIDIFIERS
- RADIO TELEMETRY