

## miniClima Constant Humidity Devices EBC: *Features*

### Constant Humidity in Cabinets, Cases, Containers

Regulation of the relative air-humidity in museum showcases, depository cupboards, switch cabinets,... · cautious approach of the setpoint · no influence on the temperature · constant and equally distributed air-humidity



### Safe Protection for Precious Exhibits or Sensitive Components

Tight air circulation system · no intermingle with outside air · permanent control and correction of the humidity level · optical and (switchable) acoustic alarm signals · potential-free contacts for the external display of the composite error alarm and of the EBC's on-off status · integrated datalogger (standard feature) with RS232 interface and free software (for Windows) for storing and reading out all relevant data (humidity and temperature inside the case, alarms that occurred, EBC settings that have been taken) · calibration of the RH sensor via the menu on the front plate (correction of the sensor signal)

### Dehumidification, Humidification as Required

Relative humidity measured directly inside the showcase · editable setpoint · editable thresholds for the humidity alarm to be issued · immediate start of the appropriate action required for conditioning the system air according to the preset values: dehumidification by condensation of surplus air-humidity or humidification by evaporation of condensate or distillate



### Simple, Easy, Effortless

The devices require electric supply through a standard socket-outlet only · no piping is needed to drain off or supply water for the EBCs · effortless upkeep · the units are easy to handle · a general inspection at the factory is recommended after the EBC has been in use for about two years

### Adaptable

Two types of main devices performing air-volumes of up to approx. 3 m<sup>3</sup> / 5 m<sup>3</sup> · every EBC can become both a master controller and a slave unit that increases the capacity of a master by another 3 or 5 m<sup>3</sup> · with every unit being fully cascable, such a chain of EBCs can theoretically be extended endlessly · optional accessories and features to meet special requirements: a larger water bottle for holding the required distillate and for collecting the ac-

cumulated condensate; filters for cleaning the showcase air; air distribution boxes for running up to six cases with only one EBC; fans of different strengths; choice of the required water level sensors for the bottle (high mark and/or low mark or no sensor at all) · language selection for the display and menu messages (English, German)

**Unobtrusive & Handy**

Small, compact devices · silent in operation · modest in appearance · display on the front panel for the immediate indication of the actual humidity level and the current process · additional information provided via the menu, such as the temperature in the showcase or the EBC's hours of operation · easy to install & quickly dismantled · can be stored and/or put to work on any other climate-ready showcase again

