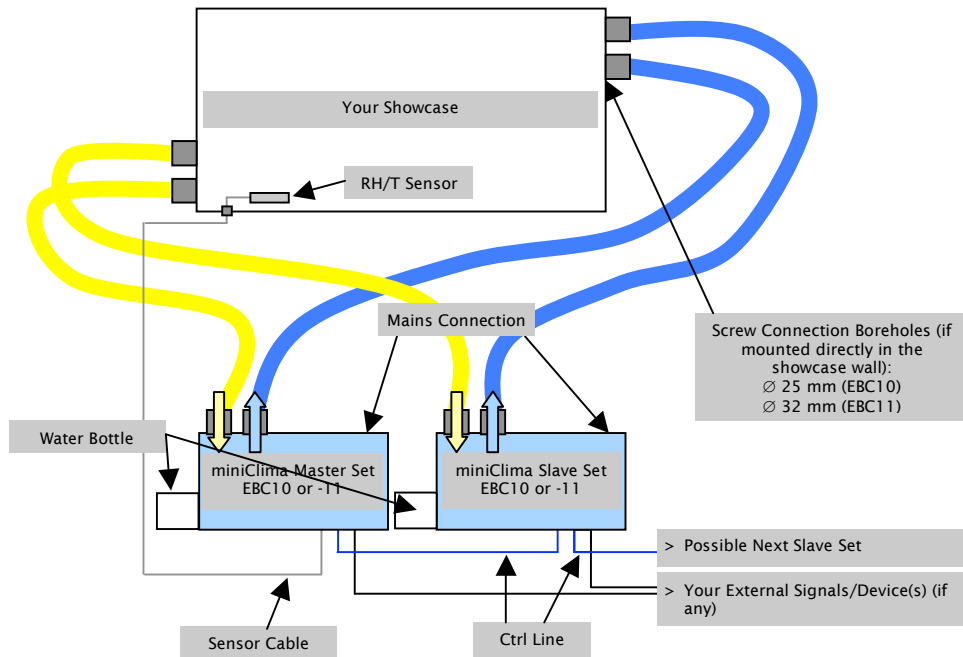


miniClima Constant Humidity Devices EBC: *Build Up in Principle*

Installation of an EBC Master and an EBC Slave to a showcase



Blue: Conditioned air from the EBCs to the showcase

Yellow: Airflow back from the showcase to the EBCs

Connections and Operating Elements on the EBC

Front: Handle, on-off/reset button, alpha-numeric display, status LED (power & alarm), menu buttons, RJ45 socket for the sensor cable or the control line coming from a master set, RJ45 socket for the control line to a slave set, cage clamps for the wiring of extern displays (composite error alarm/on-off-status), RS232 interface (PC), bottle with belt and water level sensor(s) (option A).

Left: Outlet of the silicone pipe for the bottle, bottle with belt and water level sensor(s) (option B).

Backside: Hose connectors (system air in/outlets), mains connection, rating plate.

Right: Air inlet for the device cooling (removable grill with dust filter pad).

Top & bottom: Air outlets for the device cooling.

Notes:

*) The shown positions of the screw connections on the showcase do not represent a general solution or recommendation.

*) A slave set is only needed where the total air volume to be conditioned exceeds the recommended upper limit of the used master set (which is 3m³ for EBC10 and 5m³ for EBC11).

*) The given diameters of the boreholes for the screw connections only apply when the screw connections are going to be affixed directly to the case wall. If this is not possible (i.e. a wall thicknesses of > 6 mm), metal flanges (like our FLANGE25/-32) can be used. In that case the required diameter for the boreholes comes to \varnothing 42,5mm (EBC10) and 49mm (EBC11) respectively.