

CONTROLS

WM-UH-ECM control board

Model	Code	ID
1-2-3-4-5-6	9008134	WM-UH-ECM



- Recessed or wall control panel
- Plastic casing with transparent cover
- Opening to the electrical terminal board connection
- T-MB mounted with possibility of remote control
- Air temperature probe included
- Defaulted control of untill 12 unit heaters

The main characteristics are:

- Selection of the operation mode among: summer/winter/ventilation only
- Configuration of temperature set
- Manual setting of the fan speed switch, progressive at 0,5 Volt steps or automatic
- Weekly operation program
- Night mode setting activable by an external free voltage DO (Digital Output)
- Management of the antifreeze mode in accordance with the detected room temperature, activable by a free voltage DO (Digital Output)

Fan speed control

- The speed range to choose depends from the selected operating mode:
- Heating - the fan works at a minimum - maximum motor range and it uses the complete one 1 - 10 V
- Cooling - the fan works only at a minimum speed range included between 1 - 4 V
- The regulation board can be set for the room temperature control by means of:
- Fan ON/OFF control
- Valve ON/OFF control and continuous ventilation
- Simultaneous control of the valve and fan.

Control mode:

- Relay to manage the water valve actuator on On/Off mode
- Management of the free voltage of the 230 V winding of an external remote control switch for the power supply to the fan motor range

- 0-10 V signal for the fan motors control with inverter board

- Max. number of connectable unit heaters: 12

Contact In 1 to set as:

- Remote ON/OFF control
- Seasonal switch

Contact In 2 to set as:

- Nightly mode activation (set reduction and fan speed setting at 3 V)
- Antifreeze mode activation (it opens the water valve and starts the fan at the minimum speed)

LC-P220

Model	Code	ID
1-2-3-4-5-6	9008135	LC-P220



0-10 V / 230 V signal generator

The output signal value can be adjusted by means of the frontal handle, the % range shows the set voltage value. Note:

- The electronic motor starts at a minimum voltage value of 1 V. Below this value it stops.
- By the cooling mode the value to set can not overcome 4 V.

NTC remote probe 10K IP55 for WM-UH-ECM control board

Model	Code	ID
1-2-3-4-5-6	9008136	NTC-10K-WM



Air probe to control at a distance for WM-UH-ECM control board.

WM-S-ECM control

Model	Code	ID
1-2-3-4-5-6	9066644	WM-S-ECM



0-10V control with display designed to be mounted on the wall or to be installed on a 503 wall box.

- ON/OFF switch
- Manual 3 speed switch or automatic continuous speed control.
- Manual Summer/Winter switch.
- Summer/Winter/Fan/Auto mode push button.
- Electronic room thermostat for fan control (ON-OFF).
- Electronic room thermostat for valve control (ON-OFF) (the fan keeps working).
- Simultaneous thermostatic control of the valves and fan.
- It allows to control the low temperature cut-out thermostat NTC.

Control power absorption: 1,2 VA

Dimensions: 132x87x23,6 mm