

DIGITAL CONTROLLER FOR HEATING SYSTEMS WITH REMOTE CONTROL

- Suitable for all types of heating systems in apartment buildings, industrial plants, schools, detached houses, etc.
- The instrument regulates the flow water temperature of the heating system as a function of the room temperature required (programmed) and the outside temperature, according to the broken regulation curve set.
- Optimization of switch-on times.
- Built-in auxiliary controller (domestic hot water)
- RS232 serial port for connection with a GSM modem type EM70 or for fixed line type EM70F.
- The various parameters of the menu can be read and modified via telephone or GSM messages.
- 2 inputs for alarm messages.
- Consumption 7 VA.
- Switch contact rating 5A- 230Vc.a. (Ohmic load).
- Compliance with law 373, law no. 10 of 9 January 1991 and Presidential Decree 412 of 26 August 1993.
- Compliance with standards CEI EN 60730-1.



CODE	SUPPLY VOLTAGE AND FREQUENCY	ADMISSIBLE OPERATING TEMPERATURE	PROTECTION LEVEL
EV80	230V~ 50Hz	0 ÷ 50 °C	IP40
DIGITAL CONTROLLER WITHOUT REMOTE MANAGEMENT			
EV80E	230V~ 50Hz	0 ÷ 50 °C	IP40
EV80CA	Code for activating remote management and relative instruction manual.		

CLIMATIC DIGITAL REGULATOR OF TEMPERATURE

- Climatic temperature control unit for centralized heating systems, schools, gyms, etc..
- Controls of a motorized mixer valve or ON-OFF control for two independent stages (two-stage burner).
- Alphanumeric display and 4 function keys for easy setting of the parameters selected from the menu of the type of regulation to set
- Data set using menu.
- Broken regulation curve on 4 outside temperature points.
- Optimization of switch-on time.
- Digital weekly programming clock with 5 year charge.
- Automatic control of circulation pump as a function of system demand.
- Anti-condensate probe to protect the boiler (optional).
- Compliance with standards CEI EN 60730-1.
- Consumption 5 VA.
- Removable terminal block for easy replacement.
- Switch contact rating 5A-230Vc.a. (Ohmic load).



CODE	SUPPLY VOLTAGE AND FREQUENCY	MODULES NUMBER	ADMISSIBLE OPERATING TEMPERATURE	PROTECTION LEVEL
EV83	230V~ 50Hz	6 modules	0 ÷ 50 °C	IP40

DIGITAL CONTROLLER FOR FLOOR HEATING SYSTEMS

- Universal delivery temperature control for heating systems and radiator panels.
- The EV84 controller regulates the delivery temperature on radiator panel systems, according to a specific broken 4-point curve that relates the delivery temperature to the outside temperature.
- EV84A has also an input for the D40 humidistat (normally open), which turns the system off if humidity exceeds a certain limit.
- Three points regulation output for motorised mixer valves.
- Fitted with automatic control for the plant circulation pump.
- Daily timer with 1 ON/1 OFF plant, associated with an AUTO program.
- Optimisation of on cycles
- Limiting sensor to protect against any excess temperature of the delivery water (optional).
- Correction sensor, ±3°C of the calculated delivery temperature (optional).
- Contact rating 5A-250V AC.



CODE	SUPPLY VOLTAGE AND FREQUENCY	MODULES NUMBER	ADMISSIBLE OPERATING TEMPERATURE	PROTECTION LEVEL
EV84	230V~ 50Hz	6 modules	0 ÷ 50 °C	IP40
EV84A	230V~ 50Hz	6 modules	0 ÷ 50 °C	IP40