USE
Suitable for heating systems in apartment buildings and detached houses.

INSTALLATION AND OPERATION
The device regulates the delivery water temperature of the system as a function of the outside temperature.
Regulation is performed by direct control of the burner or with P.I. control of a 3- or 4-way motorised mixer valve.
The outside and delivery temperatures are detected by a special probe; these values are sent to the control unit which, according to programming, "decides" the delivery water temperature value to be sent to the system to keep the ambient temperature constant.
Wall, flush or rear panel mounting possible.

SPECIFICATIONS
- Potentiometer to select the linearized heating curve (outside temperature-delivery water temperature), with slope adjustable from 0.25 to 4.5.
- Potentiometer to regulate the economy ambient temperature, with parallel translation of the heating curve.
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- 6-way switch to select type of operation: - off - antifreeze - always economy - on-economy night/comfort day (automatic) - antifreeze night/comfort day (automatic).
- Switch to select type of regulation: - ON-OFF control of the burner
- Proportional integral (PI) control of motorised mixer valves with completely electronic feedback
- Potentiometer to regulate the delay in circulation pump shutdown.
- Pilot lights
- Control unit with quick connection to base via FASTONS, transparent protective cover.

STANDARDS AND APPROVALS
- 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.

ELECTRICAL SPECIFICATIONS
- Consumption 5VA
- Output via relay on voltage free terminals.
- Contact rating 5A-230Vac (Ohmic charge)
- Protection against radio disturbance with RC unit.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>PROGRAMMING</th>
<th>Supply voltage and frequency</th>
<th>Admissible operating temp. °C</th>
<th>Protection</th>
<th>Weight each Kg.</th>
<th>Packs of No</th>
</tr>
</thead>
<tbody>
<tr>
<td>EV02F</td>
<td>Daily programming with quartz clock with 100 hour charge</td>
<td>230 V ± 10% 50 Hz</td>
<td>0 to 50</td>
<td>IP 40</td>
<td>1.02</td>
<td></td>
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<tr>
<td>EV05M</td>
<td>Weekly programming with quartz clock with 100 hour charge</td>
<td>230 V ± 10% 50 Hz</td>
<td>0 to 50</td>
<td>IP 40</td>
<td>1.02</td>
<td></td>
</tr>
</tbody>
</table>

Probes for surveying temperature
- Outside probe EC01
- Contact delivery probe with strap for fixing to the pipe EC02
- Immersion delivery probe with protective sheath and tapered G ½ threaded connection (see C0 sheet for specifications) EC03

Accessories
- Brackets for rear panel fixing 303326D

Wiring diagram for controlling motorised mixer valves with servo controls supplied at 230 V 50 Hz