



**ON STOCK**

The Galvabox control boxes are specially designed for use in conjunction with the Galvatherm range of heaters.



All plastic design for a perfect use in surface treatment plants and chemicals storage areas

Compact and ready to plug the galvabox range is simple to use.




Digital display of set point temperature as well as temperature measured for an efficient control.

The control box includes a plug-in terminal which centralizes plugs-in for supply, heating resistance, PT100 probe and level security. It is now possible to connect up to 3 heaters on the power terminal blocks. All the cable-glands are provided for the cables.

Level security is wholly compatible with our solutions of float switches (type MTSu) and conductive level rod-probes NS2.

Finally the choice of a static relay as power actuator guarantees a good control and the lifetime of the immersion heaters.



|                               | Réf : GALVABOX-2M07-3  | Réf : GALVABOX-5T15-3  |
|-------------------------------|--|--|
| <b>Dimensions (L x H x P)</b> | 400 x 400 x 200 mm<br>2 point lock mechanism, wrench supplied  | 400 x 400 x 200 mm<br>2 point lock mechanism, wrench supplied  |
| <b>Index of protection</b>    | IP65 (according to norm EN60529)<br>7 cable-glands included  | IP65 (according to norm EN60529)<br>7 cable-glands included  |
| <b>Maximum Power</b>          | 7 kW (32 A)  | 15 kW (25 A)   |
| <b>Heaters output</b>         | up to 3  | up to 3  |
| <b>Supply voltage</b>         | 230 V monopasé 50/60 Hz  | 400 V triphasé 50/60 Hz  |
| <b>Controller</b>             |  <p>Sizes 48 x 48 with large colour LCD display<br/>Universal measurement input</p> <p>Choice of control functions:</p> <ul style="list-style-type: none"> <li>- All or Nothing</li> <li>- PID with auto-adjustment</li> <li>- fuzzy logic with auto-adjustment</li> <li>- PID with 2 degrees of freedom with self-adjustment</li> <li>- self-adaptative</li> </ul> <p>Modèle : FUJI PXF4ACY2-0BS00</p> | <p>Sizes 48 x 48 with large colour LCD display<br/>Universal measurement input</p> <p>Choice of control functions:</p> <ul style="list-style-type: none"> <li>- All or Nothing</li> <li>- PID with auto-adjustment</li> <li>- fuzzy logic with auto-adjustment</li> <li>- PID with 2 degrees of freedom with self-adjustment</li> <li>- self-adaptative</li> </ul> <p>Modèle : FUJI PXF4ACY2-0BS00</p> |
| <b>Unit of power</b>          |  <p>Solid state relay 40A<br/>Double SCR in anti-parallel<br/>Power control by zero crossing firing<br/>1 unit</p> <p>Modèle : FUJI PXR-DIN-30D244000</p>   | <p>Solid state relay 40A<br/>Double SCR in anti-parallel<br/>Power control by zero crossing firing<br/>2 units</p> <p>Modèle : FUJI PXR-DIN-30D244000</p>  |
| <b>Probe input</b>            | PT100 3 wires  | PT100 3 wires  |
| <b>Security input</b>         | 1 input for level security<br>(suitable with float switches and electrodes systems)  | 1 input for level security<br>(suitable with float switches and electrodes systems)  |
| <b>Level security</b>         |  <p>Automatic reset</p> <p>Compatible with float switches (type MTSu) or conductive level probes (type NS2).</p> <p>Relay with 1 reversing switch.<br/>Sensitivity adjustment from 0,05 to 250 kΩ and response time settings : 2 and 8 seconds</p> <p>Modèle : MAZURCZAK ETS100</p>   | <p>Automatic reset</p> <p>Compatible with float switches (type MTSu) or conductive level probes (type NS2).</p> <p>Relay with 1 reversing switch.<br/>Sensitivity adjustment from 0,05 to 250 kΩ and response time settings : 2 and 8 seconds</p> <p>Modèle : MAZURCZAK ETS100</p>   |
| <b>Electric security</b>      | Fuse holder + fuse 32 A<br>Low voltage circuit control 24V   | Fuse holder + fuse 25 A<br>Low voltage circuit control 24V   |
| <b>Transformer</b>            | 230/24V 18VA with input & output windings protected by MCB   | 400/24V 18VA with input & output windings protected by MCB   |