

# Control Boxes

## Galvabox

**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.

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.

Ref : GALVABOX-2M07

Ref : GALVABOX-5T15

<b>Dimensions (L x H x P)</b>	330 x 430 x 200 mm 2 point lock mechanism, wrench supplied	330 x 430 x 200 mm
<b>Index of protection</b>	IP55 (according to norm EN60529) 4 cable-glands included	
<b>Maximum Power</b>	7 kW (32 A)	15 kW (25 A)
<b>Supply voltage</b>	230 V single-phase 50/60 Hz	400 V three-phases 50/60 Hz

**Controller**



Fuzzy logic PID control  
Auto-tuning/self-tuning functions  
Large dual 4 digit LED display  
Sizes 48 x 48 mm

**Unit of power**



Solid state relay 40A  
Double SCR in anti-parallel  
Power control by zero crossing firing

1 unit

2 units

**Probe input**

PT100 3 wires

**Level security**



Automatic reset

Compatible with float switches (type MTSu) or  
conductive level probes (type NS2).

Relay with 1 reversing switch.

Sensitivity adjustment from 0,05 to 250 kΩ and res-  
ponse time settings : 2 and 8 seconds

**Electric security**

Fuse holder + fuse 32 A

Fuse holder + fuse 25 A

Low voltage circuit control

**Transformer**

230/24V 18VA

400/24V 18VA

with input & output windings protected by MCB