

## ELECTRIC HEATER - standard 24 - 72 kW



### DESIGN SPECIFICATION

INVARME X ELECTRIC HEATERS are made from 24 - 72 kW. (See leaflet 11.5E for sizes 3 - 18 kW and leaflet 10.10E for our commercial range 36 - 108 kW).

The heaters 24 - 72 kW are provided with stainless steel elements, external temperature setting control thermostat 10 - 50° C and overheat thermostat (re-set button). All sizes are suitable for 3-phase connection using the wiring kit provided.

INVARME X ELECTRIC HEATERS are supplied with a plugged threaded tapping for use with pressure switch Art.no. 11 222 000 which can be supplied as an optional extra.

INVARME X ELECTRIC HEATERS sizes 24 - 72 kW have a drain plug and are therefore only suitable for vertical mounting.

### MATERIAL

The tank and element are manufactured from EN 1.4436 stainless steel.

### PRODUCT DESCRIPTION

INVARME X ELECTRIC HEATERS are suitable for swimming pools, spas, whirlpools, fish farms and industrial tanks (not for salt water)



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## TECHNICAL DATA

Voltage:	400V
Power:	see table
Temperature range:	10-50° C
Connection:	see table
Working pressure:	1,0 bar
Testing pressure:	1,5 bar
Electrical threads:	2 x Pr 22,5 2 x Pr 28,3

## INSTALLATION

INVARMEX ELECTRIC HEATERS are delivered with brackets for floor or wall mounting. Plastic pipework can be connected to all sizes.

Mounting and wiring instruction are included in the box. A separate contactor must be used for the connection of the electrical supply and interlinked to the pump to ensure that the heater only operates when the pump is also running.

There is sufficient room inside the heater connection box to site the heater contactor if desired.

## N.B.

INVARMEX ELECTRIC HEATERS must be installed by a qualified electrician.

Art No	Type	Power (watts)	Measurements (width x depth x length)	Connection BSP	400V 3-phase
11 212 000	USE-24	24000	200 x 100 x 655	2 "	34,6 Amp
11 213 000	USE-30	30000	200 x 100 x 720	2 "	43,3 Amp
11 214 000	USE-36	36000	200 x 100 x 855	2 "	52,0 Amp
11 216 000	USE-54	54000	300 x 100 x 855	2 "	78,0 Amp
11 218 000	USE-72	72000	400 x 100 x 895	2 1/2 "	104,0 Amp

