

OWNERS HANDBOOK

Compu-Heat

Spa and Pool **ELECTRIC HEATERS**



TECHNOLOGY IN HARMONY WITH NATURE

MANUFACTURED & DISTRIBUTED BY

Compu Pool Products

FACTORY

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INSTALLATION

SINGLE PHASE & THREE PHASE HEATERS

- * Compu Heat Electric Heaters must be installed upstream (before) Chlorinator Cell or Liquid Chlorine input and after Pool Filter.
- * Internal pressure switch may have to be adjusted by electrician, if heater is installed above pool level.
- * Water flow through Heater must be as indicated on Heater and have a minimum of 200 litres per minute flow rate.
- * Compu Heat 6kw to 36kw Electric Heaters have two internal contactors for element switching and protection.
- * Electrical connections and adjustments must be carried out by an Electrician.
- * Wiring diagram inside cover for reference.



OPERATION

SINGLE PHASE ELECTRIC HEATERS - AUTO 2.4KW & 6KW

AUTO 2.4KW MODEL

- * Power Supply 220/240 vac 15amp from 15 amp Power Outlet.

AUTO 6KW MODEL

- * Element power supply connected from Isolator 32 amps 220/240 vac. (not supplied with heater) to terminals inside Heater Control Box.
- * Controller Power Supply 220/240 vac 10 amp from general power outlet.
- * Compu Heat 6kw Heater is fitted with internal Contactors for Element Switching and Protection.

2.4KW & 6KW MODELS

- * Filter Pump is plugged into three pin socket under Heater Control Box.
- * When power is switched on (either by Manually, Time Switch or Air Switch) to Heater Control, the Heater will operate either two ways.
- * **Manual Operation** - If the Filter Pump Switch is in the Manual Position, the Pump will operate continuously and the Heater will maintain the temperature set on the dial.
- * **Auto Operation** - If the Filter Pump Switch is in the Auto Position, the Pump and Heater will operate together if the temperature is below the setting on the dial. Once the water temperature has reached the setting, the Heater and Filter Pump will cut out, allowing the spa to be kept at a desired temperature without unnecessary running of the pump.

TROUBLESHOOTING

- * If waterflow fault light is on - check pool filters are clean and all possible water restrictions are clear. The pressure switch may need adjusting by Electrician to suit installation if heater is above pool level.



3 PHASE 12KW - 36KW

OPERATION

THREE PHASE ELECTRIC HEATERS

12KW - 18KW - 24KW - 36KW
16A - 25A - 33A - 50A

- * Power Supply 220/240 vac 10amp lead for Heater Controller must be plugged into the same 220/240 vac supply as pool pump.
- * Elements power supply connected directly from three phase isolation switch (not supplied with heater) to terminals inside heater control box.
- * Ensure three phase supply cables are correctly rated and terminations to contactor inside heater are tight.
- * When 220/240 vac supply to pool pump heater controller is switched on, the heater will operate and maintain pool temperature set on dial.

TROUBLESHOOTING

- * If waterflow fault light is on - check pool filters are clean and all possible water restrictions are clear. The pressure switch may need adjusting by Electrician to suit installation if heater is above pool level.
- * If control fault light is on - call service electrician to check heater condition.
- * Wiring diagram inside cover for reference.

WARRANTY

Your Compu Pool Products Electric Heater Equipment carries the following warranty should a fault occur due to faulty manufacture or materials.

Compu Pool Products warrant the original purchaser of the Compu Heat Unit for a period 12 months from date of purchase by the owner, should examination disclose to its satisfaction that the Power Unit has failed due to faulty manufacture or materials.

THE WARRANTY IS VOID IF THE FOLLOWING OCCURS:

- (1) Damage beyond Compu Pool Products control.
- (2) The Electric Heater is installed incorrectly by any person other than a person authorised to do so by Compu Pool Products or its agent.
- (3) The Controller Supply is connected to a power supply other than 220/240 volts AC - 50 HZ.
- (4) The chlorine content of the spa or pool is not maintained at all times at maximum 3p.p.m.
- (5) The heater has insufficient water flow through it to operate sensors correctly.
- (6) The Compu Heat Electric Heater is serviced by any other person other than a person authorised to do so by Compu Pool Products or its agent.

This warranty is applicable to workmanship and materials only. Compu Pool Products or its agent will replace at no charge all parts return freight paid, which display faulty workmanship or materials.

Compu Pool Products or its agent accepts no responsibility for loss, damage or injuries to person or property arising from warranty failure of equipment, or installation of that equipment, unless with the authority of Compu Pool Products or its agent. This warranty shall not extend to any expenditure otherwise incurred.

WARRANTY

NAME OF PURCHASER: _____

ADDRESS: _____

PURCHASED FROM: _____

DATE OF PURCHASE: _____

EQUIPMENT MODEL: _____

SERIAL NUMBER: _____

IMPORTANT: This section must be filled out at time of purchase to render warranty effective.

KEEP IN A SAFE PLACE FOR YOUR REFERENCE



**MADE IN
AUSTRALIA**