

MANUAL TO ATTEND THE FILTRATION AND EXCHANGER HEATING AUTOMATIC DEVICE

The automatic device serves manually or automatically to control the filtration pump run and to close the exchanger heating.

The whole device is turned on by means of the main circuit breaker (current protector) so that, first, we switch the protector into position I and opening results after pressing the lever to position O. Because of safety reasons one has to re-test on a monthly basis the proper operation of the current protector by pressing down the push-button TEST T. The main circuit breaker must open immediately after the push-button has been pressed down. If it has not been opened, the whole device must be switched off by means of the push-button 0 and the faulty protector must be replaced by a professionally skilled person.

FILTRATION CONTROL

The filtration system motor run is controlled by means of the mechanical switch designed on the clock. The filtration runs continuously if in position I (for the purpose of application of a vacuum cleaner, washing sand in the filtration system or an immediate need to filter). The filtration system motor run is permanently cut out depending on the time schedule adjusted on the clock. When in position „Clock“, the filtration motor run is controlled by means of the switching clock according to the time set by you. Adjustment of the switching clock closing operation takes place by pushing out the segments to the dial edge = the filtration system motor runs; segments are near the dial centre = the filtration system motor does not run. Adjustment is possible after 15 minutes (1 segment = 15 minutes). The switching clock has been designed without any back up and one has therefore to adjust the correct time after each power failure.

The filtration system motor is protected by means of the circuit breaker marked the „FILTRATION C.B.“

EXCHANGER HEATING CONTROL

The exchanger heating is turned on by means of the circuit breaker „HEATING ON / OFF“ to the upper position. Heating is switched off in the C.B. lower position but other functions (filtration run) are maintained. After turning on the heating the auxiliary relay is closed, the filtration system motor and the circulation pump start to run. Upon reaching the required temperature (adjusted by the potentiometer in the control box) the electronic thermostat opens the auxiliary relay and trips the filtration system motor and the circulation pump run. The signalling lamp of the heating operation indicates the thermostat closing, which means that the water temperature is less than the required temperature by the potentiometer; the thermostat continues to be closed also with the opened heating. OFF contact prevents closing the heating after switching off the filtration circuit breaker.

This electrical device includes the closing and protecting features required for a safe and simple operation of your swimming pool. Since it involves an environment especially dangerous from the viewpoint of safety and protection from accident caused by electrical current, its repairs and assembly may be carried out only by persons with the required skills. Any interference with the device by any person without the required skills is forbidden.

Ref Nr: 5201040