

MANUAL TO ATTEND THE FILTRATION AND HEATING SYSTEM AUTOMATIC DEVICE

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

The whole device is turned on by means of the main circuit breaker (current protector) so that we switch the circuit breaker into the upper position I, while opening of the main circuit breaker results after turning the circuit breaker to the lower position 0. 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 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 relay R 1. The filtration runs continuously when in the upper position I (for the purpose of application of a vacuum cleaner, washing sand in the filtration system or an immediate need to filter) up to changing over to position „AUTO“ or 0. The filtration system motor run is permanently cut out in position 0. When pushing out the white pin to position I, we lock the relay in the closed position regardless of the electrical switching.

The filtration system run in position „AUTO“ is controlled by means of the switching clock depending on the time set by you. The switching clock is adjusted by pushing out the segments. Adjustment is possible after one half (1/2) of an hour (one segment = 1 hour).

The filtration system motor is protected by means of the circuit breaker DA4 (6A) marked the „FILTRATION C.B.“

HEATING CONTROL

The electrical heating is turned on by means of the circuit breaker „HEATING ON“ to the upper position I. Heating is switched off in the C.B. lower position but the other functions (filtration run) are maintained.

After turning on the heating the filtration system motor must first start to run thus resulting in closing the pressure switch TS, which closes via the adjustable thermostat and the thermal fuse the heating contactor. After reaching the required water temperature adjusted on the thermostat the contactor is disconnected and the filtration system motor is opened (unless the filtration system has been closed for manual operation or by the switching clock). The preferential relay PR interlocks the electrical heating upon closing the counter-current. If after closing the electrical heating and the filtration system motor starting to run the contactor has not been closed, check, whether the filtration system has not been clogged resulting in that the flow after the filtration system has declined and the pressure switch has failed to close, as it shall not allow for starting the heating operation. In order to rectify the fault, it is sufficient properly to wash the sand in the filter.

The electrical device titled „BIG AUTOMATIC 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: 5201020 and 5201030