

## INSTRUCTIONS

### Timer and temperature controller (ATC-100) for aquaria

#### 1. General description

ATC-100 is a timer and temperature controller especially applied to aquaria. Control temperature reliably, alarm when over heat, 24 H cycle timing, delicacy appearance, simple to operate, a new worthymodel.

#### 2. Main functions and parameters:

- a) Control temperature range: 16-32°C;
- b) Accuracy:  $\pm 1.5^{\circ}\text{C}$ ;
- c) Alarm temperature:  $\geq 35^{\circ}\text{C}$ ;
- d) Timing cycle: 24 hour;
- e) Input voltage:  $\sim 220\text{V} \pm 10\%$ ;
- f) Power consumption:  $\leq 3\text{W}$
- g) Control load:  $\leq 2000\text{W}/220\text{V}$

#### 3. Operation:

◆ Temperature setting:

Revolve the control temperature switch to the setting temperature.

◆ Timing setting:

Revolve the timing switch to the stopping time needed. 24 hours subtract the stopping time is the working time. The controller will control the on/off of the light or oxygen pump.

Revolve to the end clockwise to close the timer; revolve to the end withershins to open the timer forcibly.

#### 4. Indicator light:

- ◆ “heat” “preservation”: Red light flashes to mean heat state, green light flashes to mean preservation state;
- ◆ “alarm”: Alarm flashes to mean over heat.
- ◆ “timing”: It flashes to mean timing output open. Otherwise, to mean timing output close.

#### 5. Other instruction:

- ◆ The left socket is for temperature control.
- ◆ The right socket is for timing control.