



UniComfort control

- of the microclimate in the piglets nest area

UniComfort Operating Instructions

1. Product Parameters

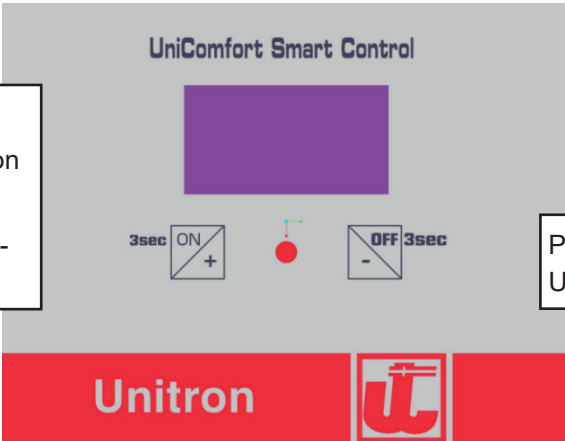
Product	Digital temperature controller
Input voltage	AC220-240V ~50Hz
Temperature range	-20°C ~100
Testing Tolerance	±1°C
Loading power limit	300W
Temperature sensing line length	3 meters
Applicable environment	-25°C ~50°C
Display	3-digit digital tube
Degree of protection	IP66 (CEE socket)/ IP44(SCHUKO socket)

2. Control board

Press ON/+ for 3 sec. to turn on.

Hold ON/+ for 3 sec. until lamp is on and the curve is active.

Set temperatur to 35° to use the curve for all 10 days.



Press OFF/- for 3 sec. to turn off.

Use + or - to adjust the temperature.

Fig. 1 Control panel

3. Connection

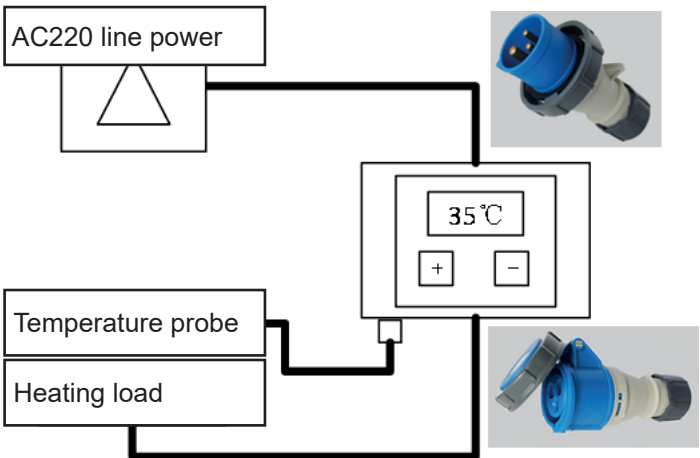


Fig. 2 Item/Cable connect

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4. User Manual

4.1. Plug in: Display area flicker display, ambient temperature and target temperature alternately displayed at five-second intervals.

4.2. Power ON: Press the “+” button for three seconds to turn on, and press the “-” button for three seconds to shut down. When the heating loading is turned on, the temperature controller works on the preset temperature curve, which is shown in Fig. 3.

The whole automatic temperature control period is 10 days, the first three days is the initial target temperature of 35° C, and the latter 7 days the temperature will drop linearly and uniformly to 22° C.

The target temperature of each Power ON is the temperature of the last shutdown of the temperature controller, and the temperature controller continues to complete the last automatic temperature control process after the Power ON.

In the process of automatic thermostatic operation, The display will show ambient temperature and target temperature five seconds each during process.

By pressing the “+” and “-” button, the current target temperature can be adjusted, and the aim of adjusting the working time schedule can be achieved by adjusting the target temperature. The relation between the target temperature and the working time progress is shown in figure 3.

5. Temperature control line with schedule

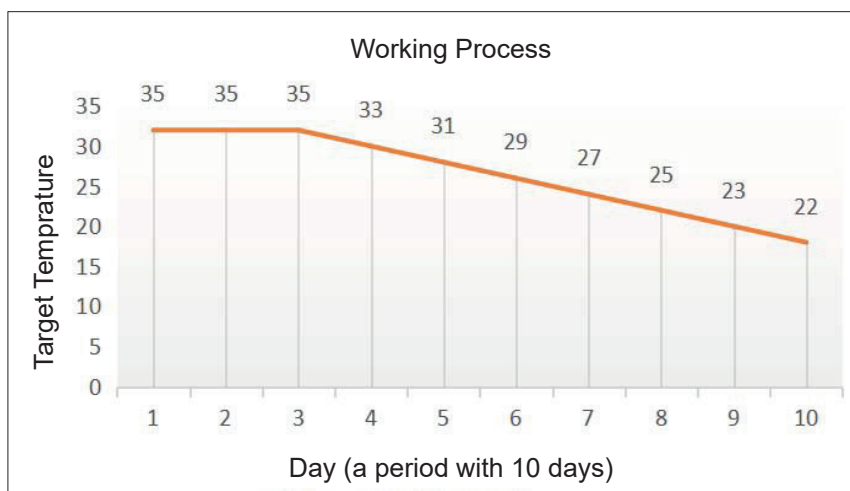


Fig. 3 Fig. 3 Temperature set with schedule

6. Caution

6.1. Error code “E01” means Temperature sensor disconnection or failure.

6.2. When the target temperature is adjusted to 22° C, the whole temperature control process is completed and the temperature controller is automatically shut down.

6.3. When the target temperature is adjusted from 35° C to 33° C, the working time of the first three days will be skipped directly.

6.4. Temperature sensor should not be too far away from heating area.

