

11. Trouble Shooting

If you have any problem operating the cabinet, follow the trouble shooting procedures given below. If this fails to correct the situation, please consult ESPEC CORP.

- (1) Cabinet does not operate even when the power switch is turned on.
The power cord plug may be disconnected from the receptacle.
Plug it in securely.

- (2) No temperature/humidity control takes place.
Line voltage may be too low.
Make 100VAC $\pm 10\%$ and 15A power supply available.

Wet-bulb wick is dry.

Wick pan is empty (add water to the wick pan).

Ambient temperature is too high.

Improve the condition of the installation site.

Dust clogging of condenser fin

Clean the condenser.

Insufficient water delivered by the electromagnetic pump.

Clean the electromagnetic pump strainer.

Replenish the tank with water.

- (3) Wet-bulb wick readily dries.

Low water level in wick pan.

No water is sent to the wick pan water feeder.

Water circuit is blocked.

Slightly raise the wick pan water feeder position.

Fine wick is soiled.

Remove foul water from the wick pan with a syringe, and replace the fine wick with a new one.

Water circuit is dirty (clean the water circuit).

Clean the tank.

Clean the wick pan water feeder.

Clean the water leveler for the humidifying tray.

- (4) The burnout protector operates.

Low water level in the humidifying tray.

Insufficient water is delivered by the electromagnetic pump
(clean the electromagnetic pump protection strainer).

Slightly raise the position of the humidifying tray water
leveler.

Insufficient water supplied due to a dirty water circuit (clean
the water circuit).

Tank is dirty. (Clean the electromagnetic protection strainer)

- (5) The automatic overheat protection circuit functions.

Confirm that the air circulator is turning.

- (6) Digital indicator blinks.

The dry bulb temperature indication blinks while indicating 99.9°C.

The remote input voltage of the dry side is not proper.

The wet bulb temperature indication blinks while indicating 99.9°C.

The remote input voltage of the wet side is not proper.

(The remote select switch should be tripped toward the LOCAL
side in the case of local operation)