

7-4-2 Error Code [2500] (Models with a float switch)

1. Error code definition

Drain sensor submergence

2. Error definition and error detection method

- 1) If an immersion of the float switch in the water is detected while the unit is in any mode other than the Cool/Dry mode and when the drain pump goes from OFF to ON, this condition is considered preliminary water leakage. While this error is being detected, humidifier output cannot be turned on.
- 2) If the drain pump turns on within one hour after preliminary water leakage is detected and the above-mentioned condition is detected two consecutive times, water leakage error water leakage is detected, and "2500" appears on the monitor.
- 3) Detection of water leakage is also performed while the unit is stopped.
- 4) Preliminary water leakage is cancelled when the following conditions are met:
 - One hour after the preliminary water leakage was detected, it is not detected that the drain pump goes from OFF to ON.
 - The operation mode is changed to Cool/Dry.
 - The liquid pipe temperature minus the inlet temperature is - 10°C [-18°F] or less.

3. Cause, check method and remedy

Cause	Check method and remedy
(1) Drain water drainage problem •Clogged drain pump •Clogged drain piping •Backflow of drain water from other units	Check for proper drainage.
(2) Stuck float switch Check for slime in the moving parts of the float switch.	Check for normal operation of the float switch.
(3) Float switch failure	Check the resistance with the float switch turned on and turned off.

<Reference>

Drain pump operation triggered by a submergence of the liquid level sensor (except during the Cooling/Dry mode)

