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Causes of troubles and solutions

Contact your dealer or the nearest service center for troubles not listed here.

Symptom	Possible causes	Solutions
The display will not come on even if the power switch is turned ON.	The power plug has come off the outlet. Or is not inserted securely.	Turn the power switch OFF and securely insert the power plug into the outlet.
	The power plug has come off the inlet. Or is not inserted securely.	Turn the power switch OFF and securely insert the power cord into the inlet.
	Power is not supplied.	Turn the ELB on the distribution board ON.
	The overheat preventive unit (high limiter) has activated.	Recover the overheat preventive unit by referring to "P13 How to recover the overheat preventive unit".
	The power switch is malfunctioning.	Immediately stop operation and contact your dealer or the nearest service center.
	The temperature controller is malfunctioning.	
Power is not supplied to the outlet.	The inlet fuse has blown. (Overcurrent has flown.)	Replace the fuse by referring to "P15 Replacing the fuse". If the same symptom repeats after replacement, confirm the surrounding state and contact your dealer or the nearest service center.
	The power plug has come off the outlet. Or is not inserted securely.	Turn the power switch OFF and securely insert the power plug into the outlet.
	The power plug has come off the inlet. Or is not inserted securely.	Turn the power switch OFF and securely insert the power cord into the inlet.
	The outlet fuse has blown. (Overcurrent has flown.)	The outlet of this product is dedicated for the evaporator N series. Never connect any devices other than above. Replace the fuse by referring to "P15 Replacing the fuse". If the same symptom repeats after replacement, confirm the surrounding state and contact your dealer or the nearest service center.
Temperature will not increase. (RUN lamp is on and HEATING lamp is off)	Temperature is not set.	Check the set temperature.
	The set temperature is lower than the liquid temperature.	
Temperature will not increase. (RUN lamp is off and HEATING lamp is on)	The RUN/STOP key is not pressed.	Press the RUN/STOP key to start temperature control.
Temperature rises above the set temperature. (HEATING lamp is off)	Set temperature is low.	Start condensation and make sure that the temperature falls.
	The environmental temperature is higher than the measured temperature.	Use the product at a set temperature higher than the environmental temperature (5~35°C).
	SSR is malfunctioning.	Immediately stop operation and contact your dealer or the nearest service center.
The heater is disconnected.		
SSR is malfunctioning.		
The temperature controller is malfunctioning.		
Sensor disconnection/short-circuited alarm [F-1] is displayed.	The temperature control sensor is short-circuited.	
	The temperature sensor is disconnected.	
Out of the measurable temperature range alarm [---] is displayed.	A liquid other than water was used and the measured result is outside the indication limit (210°C).	This product is for water only and do not use any liquids other than water.
	The environmental temperature is 0°C or below.	Use the product at an environmental temperature of 5~35°C.
	The measured value exceeds the lower limit of display (0°C).	Immediately stop operation and contact your dealer or the nearest service center.
The upper temperature limit alarm ([A-0][Liquid temperature] is displayed alternately) is displayed.	The measured value exceeds the upper limit temperature.	Check the upper temperature limit by referring to "P11.5-3 How to set the alarm function". Adjust the liquid temperature and the environmental temperature so that the measured temperature will meet the upper temperature limit.
	The heater is disconnected.	Immediately stop operation and contact your dealer or the nearest service center.
	SSR is malfunctioning.	
	The temperature controller is malfunctioning.	
The indication [888] flashes repeatedly on power on and the measured temperature will not appear.	The temperature controller is malfunctioning.	Immediately stop operation and contact your dealer or the nearest service center.