Alarm Function

⚠ CAUTION

Before doing the check of the malfunction cause and recovery, always perform the power breaker of control panel “OFF”.
The work with power “ON”, causes the trouble and the accident.
Don't do absolutely.

When the malfunction occurs during operation of the equipment, the protection unit operates, the alarm character is displayed in the control panel and the alarm buzzer sounds and informs the malfunction.

When pressing the Reset key, the buzzer stops.

Alarm indicator	Character indicator	Malfunction contents / Interlock	Measure
EPROM Error	E0	In case of power supply, it occurs when it isn’t possible to do reading in the right of data in ROM.	Perform Chapter 4.preparations for operation after turn off the power once. ↓ When the alarm displays again, the controller is in trouble. Exchange the controller.
Reverse phase	E1	Occurs when the connection of the power code becomes the reverse phase.	Refer to CHAPTER 3. 2. Power supply connection and perform the positive phase.
Dry blower Over load	E2	Occurs when the over-current flows through the blower and the thermal relay of the electromagnetic switch unit does the trip. The operation stops automatically.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ Open a control panel and press the reset button of the thermal relay. ↓ When pushing a Reset switch after cancellation of the malfunction cause, the character indicator turns off.
Convey blower Over load	E3	Occurs when the over-current flows through the blower and the thermal relay of the electromagnetic switch unit does the trip. The operation stops automatically.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ Open a control panel and press the reset button of the thermal relay. ↓ When pushing a Reset switch after cancellation of the malfunction cause, the character indicator turns off.

Alarm indicator	Character indicator	Malfunction contents / Interlock	Measure
Dry temperature or regeneration temperature upper limit	E4	Occurs when the dry temperature or regeneration temperature become above the setting temperature + upper limit setting temperature. The operation stops automatically.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ When pushing a Reset switch after cancellation of the malfunction cause, the character indicator turns off.
Dry sensor broken	E5	When wiring for the thermocouple (CA sensor) and the thermocouple for the dryness are broken. The operation stops automatically.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ When pushing a Reset switch after cancellation of the malfunction cause, the character indicator turns off.
Regeneration sensor broken	E6	When wiring for the thermocouple (CA sensor) and the thermocouple for the dryness are broken. The operation stops automatically.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ When pushing a Reset switch after cancellation of the malfunction cause, the character indicator turns off.
No.1 Convey Malfunction	E7	After start-up of the No.1direction conveys, occurs when not becoming full in the constant time. Or, occurs when primary convey isn't done without affecting continuation secondary convey.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ If the end of convey becomes full, automatically, alarm is canceled. When canceling alarm compulsorily, make the convey switch OFF or press a Reset switch.
No.2 Convey Malfunction	E8	After start-up of the No.2direction conveys, occurs when not becoming full in the constant time.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ If the end of convey becomes full, automatically, alarm is canceled. When canceling alarm compulsorily, make the convey switch OFF or press a Reset switch.

Alarm indicator	Character indicator	Malfunction contents / Interlock	Measure
No.3 Convey Malfunction	E9	After start-up of the No.2direction conveys, occurs when not becoming full in the constant time.	Refer to CHAPTER 8. Troubleshooting and restore extraordinary occurrence cause. ↓ If the end of convey becomes full, automatically, alarm is canceled. When canceling alarm compulsorily, make the convey switch OFF or press a Reset switch.
Heater overheat	E10	Occurs when the drying heater and regeneration heater reaches an abnormally high temperature. The unit is automatically shut off. **⚠ DANGER** The E10 alarm is an important alarm that detects abnormally high temperatures and automatically shuts the unit off. If improper measures such as modifying the unit to prevent the E10 alarm from being triggered are taken, the unit will continue to operate in a state of abnormally high temperature for a long period of time, which is extremely dangerous. Be sure to follow the correct measures as described in the column at the right. Replacement of parts should be conducted by a certified electrical engineer after turning off the power breaker.	After cooling for one hour or longer, press the CONTROL ON button. If the E10 alarm triggers again, the overheat protector is defective. Replace the recycle overheat protector. If the E10 alarm triggers again even after the recycle overheat protector is replaced, replace the drying overheat protector. Press the Dryer key to operate the unit. Inspect the drying blower and replace the blower if it does not rotate. Inspect the recycle blower and replace the blower if it does not rotate. If the cause is not identified and the E10 alarm triggers again, an inspection by a service engineer is necessary. Contact our Service Division to request an inspection.