

## 13.4 Error codes

When a safety device is activated, an error code(which doesn't include external failure) will be displayed on the user interface.

A list of all errors and corrective actions can be found in the table below.

Reset the safety by turning the unit OFF and back ON.

In case this procedure for resetting the safety is not successful, contact your local dealer.

ERROR CODE	MALFUNCTION OR PROTECTION	FAILURE CAUSE AND CORRECTIVE ACTION
<i>E0</i>	Water flow fault(after 3 times E8)	<ol style="list-style-type: none"> <li>1.The wire circuit is short connected or open. Reconnect the wire correctly.</li> <li>2.Water flow rate is too low.</li> <li>3. Water flow switch is failed, switch is open or close continuously, change the water flow switch.</li> </ol>
<i>E2</i>	Communication fault between controller and hydraulic module	<ol style="list-style-type: none"> <li>1.Wire doesn't connect between wired controller and unit. connect the wire.</li> <li>2.Communication wire sequence is not right. Reconnect the wire in the right sequence.</li> <li>3.Whether there is a high magnetic field or high power interfere, such as lifts, large power transformers, etc..</li> </ol> <p>To add a barrier to protect the unit or to move the unit to the other place.</p>
<i>E3</i>	Final outlet water temp.sensor(T1) fault	<ol style="list-style-type: none"> <li>1.Check the resistance of the sensor</li> <li>2.The T1 sensor connector is loosen. Reconnect it.</li> <li>3.The T1 sensor connector is wet or there is water in. remove the water, make the connector dry. Add waterproof adhesive.</li> <li>4.The T1 sensor failure, change a new sensor.</li> </ol>
<i>E4</i>	water tank temp.sensor (T5) fault	<ol style="list-style-type: none"> <li>1.Check the resistance of the sensor</li> <li>2.The T5 sensor connector is loosen. Reconnect it.</li> <li>3.The T5 sensor connector is wet or there is water in. remove the water, make the connector dry. Add waterproof adhesive</li> <li>4.The T5 sensor failure, change a new sensor.</li> <li>5.If you want to close the domestic water heating when T5 sensor do not connected to the system, then T5 sensor can not be detected, refer to 10.5.1 "<b>DHW MODE SETTING</b>"</li> </ol>
<i>E7</i>	Buffer tank up temp.sensor(Tbt1) fault	<p>"1.Check the resistance of the sensor.</p> <ol style="list-style-type: none"> <li>2.The Tbt1 sensor connector is loosen,reconnect it.</li> <li>3.The Tbt1 sensor connector is wet or there is water in,remove the water ,make the connector dry.Add waterproof adhesive.</li> <li>4.The Tbt1 sensor failure,change a new sensor."</li> </ol>
<i>E8</i>	Water flow failure	<p>Check that all shut off valves of the water circuit are completely open.</p> <ol style="list-style-type: none"> <li>1. Check if the water filter needs cleaning.</li> <li>2. Refer to "<b>9.5 Filling water</b>"</li> <li>3. Make sure there is no air in the system(purge air).</li> <li>4. Check the water pressure. The water pressure must be &gt;1 bar.</li> <li>5. Check that the pump speed setting is on the highest speed.</li> <li>6. Make sure that the expansion vessel is not broken.</li> <li>7. Check that the resistance in the water circuit is not too high for the pump (refer to "<b>10.4 The circulation pump</b>" ).</li> <li>8. If this error occurs at defrost operation (during space heating or domestic water heating), make sure that the backup heater power supply is wired correctly and that fuses are not blown.</li> <li>9. Check that the pump fuse and PCB fuse are not blown.</li> </ol>