

# Error Signals and Alarms



For further explanations and solutions for errors, refer to pages 24 ~28 of the User Manual.

**Read and understand User Manual before operation.**

Control panel display	Check error signal	Check cause
<p><b>Blinking</b></p> <p>① ② ③ ④</p>	<p><b>Blinking</b> ③ light + alarm</p>	<p>Low water tank level Troubleshooting #2</p>
<p><b>Solid</b></p> <p>① ② ③ ④</p>	<p><b>Solid</b> ③ light+ alarm</p>	<p>Low boiler water level Troubleshooting #4</p>
<p><b>Blinking</b></p> <p>① ② ③ ④</p>	<p><b>Blinking</b> ④ light + alarm</p>	<p>Low fuel tank level Troubleshooting #3</p>
<p><b>Solid</b></p> <p>① ② ③ ④</p>	<p><b>Solid</b> ④ light+ alarm</p>	<p>Failed combustion Troubleshooting #8</p>
<p><b>Blinking</b></p> <p>① ② ③ ④</p>	<p><b>Blinking</b> ② light + alarm</p>	<p>Pump overrun Troubleshooting #6</p>
<p><b>Solid</b></p> <p>① ② ③ ④</p>	<p><b>Solid</b> ① light + alarm</p>	<p>Thermometer malfunction Troubleshooting #7</p>
<p><b>Blinking</b></p> <p>① ② ③ ④</p>	<p><b>Blinking</b> ① light + alarm</p>	<p>Frozen pressure switch Troubleshooting #5</p>

# Important Reminders for Optima Operators



**Read machine and accessory instructions before use.**

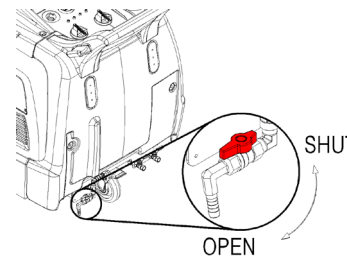
The Optima Steamer manufacturer and authorized resellers are not liable for property damages or personal injuries caused by non-compliance of product manual or instructions.

## 1 Water Management

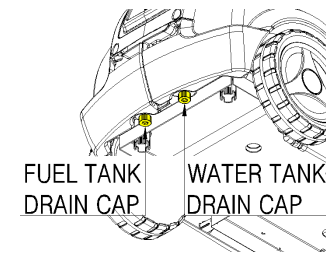
- ① Use of Water Softener is recommended.
- ② Use clean and soft water.
- ③ Do not use distilled water.
- ④ Do not add chemicals or other additives.

## 2 Freeze Prevention: See pg.13 in User Manual

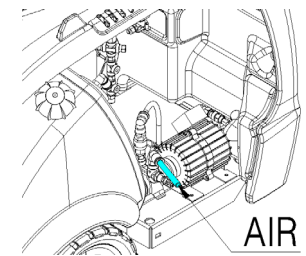
- ① Drain water from boiler (Fig. 1) : Open boiler drain valves after steam pressure is decreased to 2 bar (30psi). It is important to drain water after each use to prevent scale build-up and rust.  
(👉 **Leave boiler drain valves open until next use**)



(Fig. 1)



(Fig. 2)



(Fig. 3)

- ② Drain water tank (Fig. 2): Open the drain valve located underneath the water tank.
- ③ Drain water lines (Fig. 3): Inject compressed air through the inlet line of the water pump.