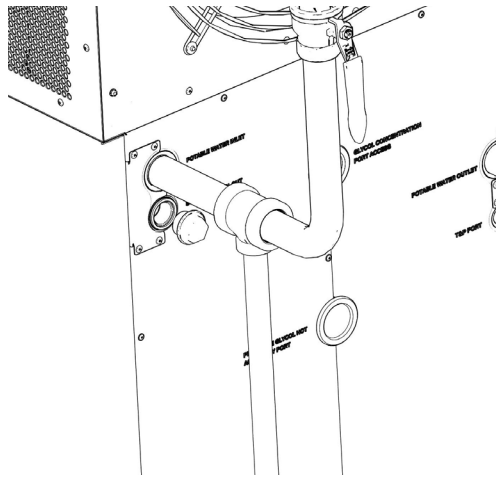


## 10. Maintenance

### 10.1 Inlet Strainer Cleaning

The following procedures must be performed at least once in every three months or it may affect the warranty of the product.

1. The water heater must be turned OFF at the breaker ON/OFF switch before maintenance checks can be performed.
2. Slowly shut off the water outlet valve first and then shut off the water inlet valve.
3. Open a nearby tap/faucet and ensure that all the water is drained then close the tap.
4. You can use a wrench to loosen and remove the water inlet strainer.
5. Clean the strainer, reinstall it, and tighten the strainer nut.
6. Turn on the power supply.
7. Open the water inlet valve.
8. Perform a visual inspection of the water connections to make sure that there are no leaks.



### 10.2 Fan Guard Cleaning

The following procedures must be performed at least once in every three months or it may affect the warranty of the product.

1. The water heater must be turned OFF at the breaker
2. The nearby emergency shut-off must be turned OFF.
3. Make sure that water is fully powered down and the fan stops rotating.
4. Use a cleaning brush to clean the fan guard at the back and on the side.
5. Turn ON the water heater emergency shut-off and then turn ON the water heater.
6. make sure that the fan runs properly.

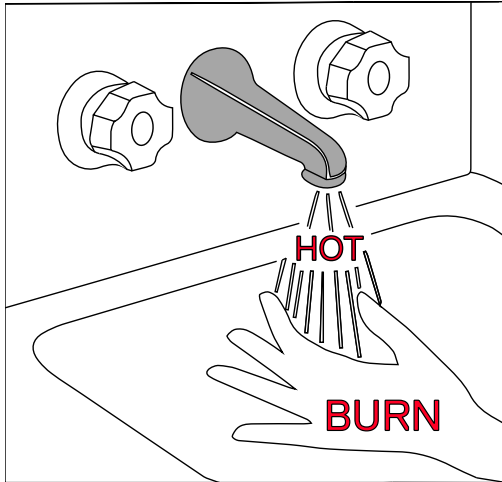
**⚠ DANGER**

Except for maintenance, the iE1 door must be permanently closed and locked. Failure to do so could cause water leaks, electric shock, and damage to the internal components. The warranty does not cover this.

### 10.3 Pressure Relief Valve Test

The following procedures must be performed at least once in every three months or it may affect the warranty of the product.

#### **DANGER**



#### **WARNING**

When testing the Temperature-Pressure Relief Valve's functionality, make sure that no one is standing in front of or near the discharge line's outlet. The discharged water may be hot and may cause injury to personnel.

#### **WARNING**

When using a valve, exercise caution because it might be hot and may cause injury to personnel.

#### **CAUTION**

Make sure that the surrounding area is clear of any objects. The discharged water may be hot and may cause property damage.

1. Operate the lever at the relief valve's end several times. Make sure that the valve functions properly.
2. The temperature-pressure relief valve must be replaced if it fails to completely reset and continues to release water.