Removing air from the system

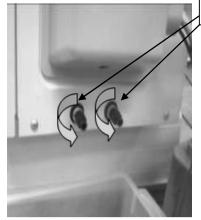
- The following steps must be taken to ensure all air is removed from the system. Incorrect removal of air may cause the water temperature to vary.
- Plumb pipes to tank unit and heat pump unit.
- Push up the lever on the PTR valve to open, and fill the tank unit with water.
- Confirm the water comes out of the relief valve and then close the lever.
- Open the water tap to remove air.
- Close the tap after no air is confirmed in the water.
- Open the water drain plugs (two places) on the heat pump unit.
- Close the plugs after no air is confirmed in the water.
- Supply the power to the heat pump unit and leave the water tap open for three minutes.
- Close the tap after no air is confirmed in the water.

Figure 7: Air removing process



PTR valve

Plumb pipes to Storage Tank Unit and Heat Pump Unit. Push up the lever on the PTR valve to open, and fill in the tank with water. Confirm the water come out of the relief valve, and then close the lever.



Water drain plugs

Open the water tap to remove air. Close the tap after no air is confirmed in the water.

Open the water drain plugs (2 places) on the Heat Pump Unit.

Close the plugs after no air is confirmed in the water. Supply the power to the Heat Pump Unit and leave the water tap open for 3 minutes.

Close the tap after no air is confirmed in the water.