

 Hot Water Dispenser & Cold Water Cooler

 **Instant Hot Water Dispenser - Pressure Free Type**



**W-301**

**System dimension**

240mm (L) x 200mm (W) x 306mm (H)

 **Product Characteristics**

- ▶ **Energy-efficient:** Consumes less electricity than a 40 watt light bulb.
  - ▶ **Green Material:** The best material of thermal insulation meets the UL94 standard.
  - ▶ **Prevent Empty Burning:** Automated Heater Protection.
  - ▶ **Safety:** Unique safety lock design loaded to prevent burns.
  - ▶ **Hygienic:** Design of detachable stainless steel tank can be cleaned after using for a period of time. A large 2.4 liter tank supplies plentiful 60 cups per hour capacity.
  - ▶ **Innovation:** SUS304 Ring Type Heater. Bigger heating area, faster heat conduction, more power-efficient and longer life time.
  - ▶ **New Invention:** Self-priming expansion chamber
- New design model greatly reduces the dripping (the flaw of traditional instant hot water dispenser)



DLX 580

Please note:

- Do not lengthen the hot water hose
- Minimum working pressure is 240kPa

Suitable for home use and small office with up to 10 people.

 **Specifications**

 **Instant Hot Water Dispenser**

- Under-sink Hot Water Heater is a very popular and fashion product in USA, Japan, and many advanced countries. It could supply hot water instantly and saving space as well as replenish the source water automatically.

 **Patented Self-priming Expansion Chamber**

- Through the chamber and atmospheric pressure during heating, the self-priming expansion chamber absorbs the steam back for recycling usage. This new design greatly reduces the dripping (the flaw of traditional instant hot water dispenser).
- Due to the high temperature of water during heating, the tank is under pressure. The self-priming expansion chamber can decrease the pressure, prevent explosion, dripping and leak.

 **[New Invention] Automated Heater Protection**

- When there's no water left in the tank, the self re-setting thermal fuse protects the product from dry boiling and dry start up.

 **[New Invention] SUS316L Ring Type Heater**

- SUS316L ring type heater is better than U-shape brass made heater.

No liberation of heavy metal will occur. It's relatively more hygienic and durable.

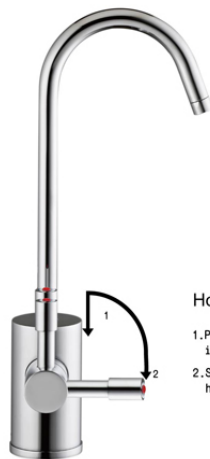
- Heat conduction area of Ring Type heater is twice as large as the U-shape brass heater. It has the features of faster heat conduction, more power-efficient and longer life time.
- Heater with 780/1300 wattage is more efficient than other brands.

#### ⚡ [New Invention] Detachable Stainless Steel Tank

- A large 2.4 litre tank supplies plentiful 60 cups per hour capacity.
- Upper and lower tank bodies are fixed with clamp.
- The new design "detachable stainless tank" can be cleaned after using for a period of time.
- The new tank is made of ST304, built in integral body. No welding joint or seam on the tank exist. Therefore, no leak and liberation of heavy metal will occur.

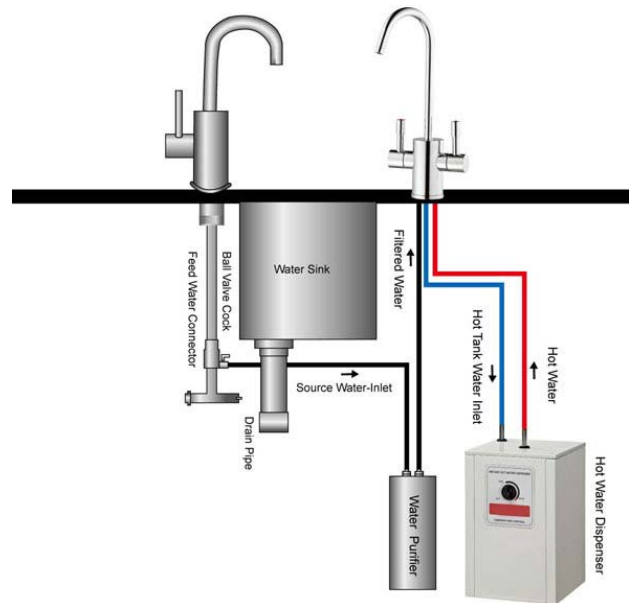
#### ⚡ [New Invention] Patented Faucet with Safety Lock

- Unique safety lock design is loaded to prevent kids from burns by hot water.



How to use hot water

1. Press down the safety locker, and it's released.
2. Switch on the handle, and use the hot water.



Stand-a-alone hot water faucet. (available soon)

**Easy Installation**

- Easy to install with quick-connector fittings. Better connections lower the possibility of twisted or kinked water tubes.

**Energy-efficiency**

- Consumes less electricity than a 40 watt light bulb.

**New Invention - Self-priming expansion chamber**

- Through the chamber and atmospheric pressure during heating, the self-priming expansion chamber absorbs the steam back for recycling usage. This new design greatly reduces the dripping (the flaw of traditional instant hot water dispenser).
- Due to the high temperature of water during heating, the tank is under pressure. The self-priming expansion chamber can decrease the pressure, prevent explosion, dripping and leaking.

**Temperature Dial**

- Easy adjustment by your fingertip. Adjusts from 60°C-98°C.
- Suitable for cooking, instant coffee and tea.

**Theory of Laminar Flow / Huge Water Flow Rate**

- Applying the hydrodynamics to the design, the water flows into the tank from the bottom to the top. This could prevent the turbulence flow that leads to mix of cold and hot water.

**New Invention-Detachable Stainless Steel Tank**

- A large 2.4 liter tank supplies plentiful 60 cups per hour capacity.
- Upper and lower tank bodies are fixed with clamp. The new design "detachable stainless tank" can be cleaned after using for a period of time. The new tank is made of ST304, built in integral body. No welding joint or seam on the tank exist. Therefore, no leak and liberation of heavy metal will occur.

**New Invention- Environmental Styrofoam**

- The best quality styrofoam offers great thermal insulation.
- Meets the UL94 standard. (Standard for Flammability of Plastic Materials for Parts in Devices and Appliances)
- Environmental protection - recyclable material.

**New Invention- Automated Heater Protection**

- When there's no water left in the tank, the self re-setting thermal fuse protects the product from dry boiling and dry start up.

**New Invention-SUS316L Ring Type Heater**

- SUS316L ring type heater is better than U-shape brass made heater. No liberation of heavy metal will occur. It's relatively more hygienic and durable.
- Heat conduction area of Ring Type heater is twice as large as the U-shape brass heater. It has the features of faster heat conduction, more power-efficient, and longer life time.
- Heater with 780/1300 wattage is more efficient than other brands.