

Water Purifiers

WG242/262

Water Purification Method	
Ion-exchange--> Distillation Ion-exchange-->Filtration	
Purified Water	
Ion-exchange water	Distilled water
Distilled Water Capacity	
1.8 L/h	
Collection of	
Ion-exchange water 0.5 to 1.0 L/min	Distilled water 1.0 L/min

High performance type, to produce pure water, realizing increment of specific resistance and reduction of TOC.

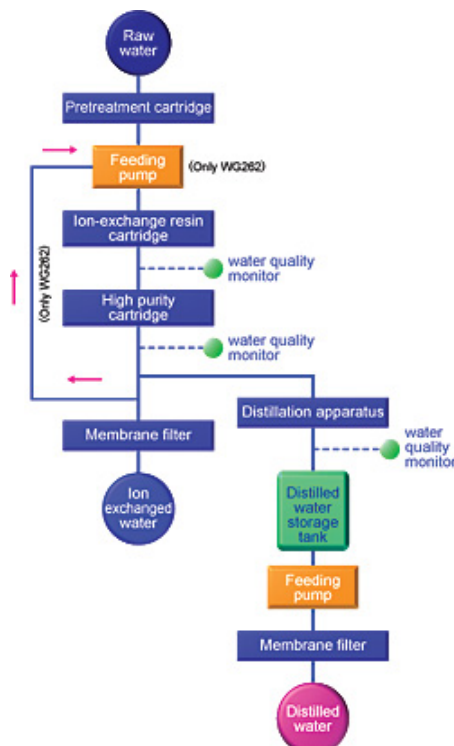
- Due to the ion-exchange method of two storages, ion-exchange water (ultrapure water) of specific resistance $18.2 \times 10 \Omega \cdot m$ and low TOC is produced. Further, from this ion-exchange water, more stabilized distilled water is produced.
- Such functions as a drainer of the initial distilled water, an automatic drainer of the boiler water, and an entrainment prevention device are equipped to stabilize the quality of water. In the storage tank, an air filter is adopted to prevent entry of contaminated air.
- As the cartridges can be connected in place with single motion, it is easy to exchange them.



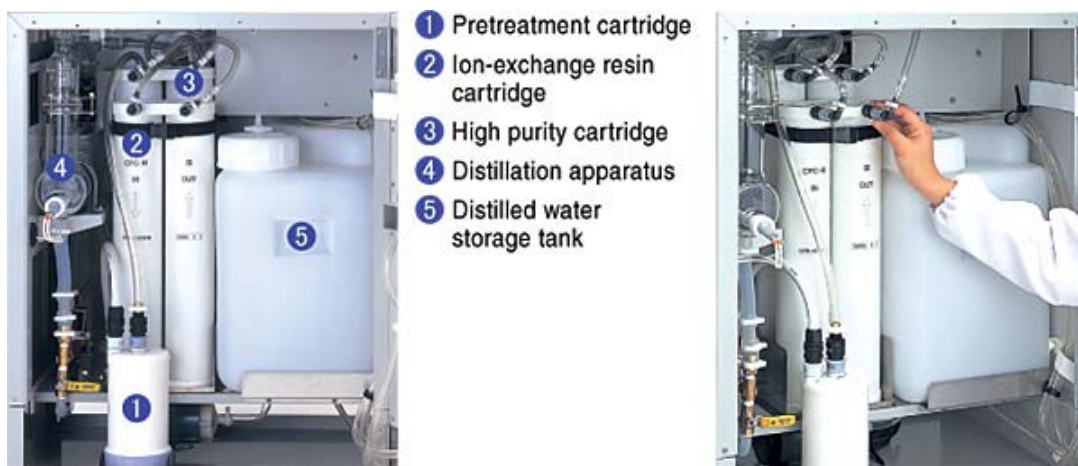
Control Panel



System Diagram



Inner View



Specifications

	WG242	WG262
■ Performance		
Water purification method	Ion-exchange --> Distillation --> Filtration	
Purified water	Deionized water, Distilled water	
Distilled water capacity	Approx. 1.8 liter / Hr.	
Collection of Distilled water	Approx. 1.0 liter / min.	
Collection of Deionized water	Approx. 0.5 liter / min.	
■ Components		
Boiler	Super hard glass	
Condenser	Super hard glass	
Heater	Ceramics heater	
Distilled water storage tank	Polyethylene made, 20 L	
Raw water filter	Pre-treatment cartridge (activated carbon + hollow fiber membrane, 0.1μm)	
Pure water filter	Membrane filter (hollow fiber membrane, 0.1μm)	
Ion-exchanger	One-touch connecting type cartridge (mixed floor type, 3 L)	
High purity cartridge	One-touch connecting type cartridge (complex type, 3 L)	
Water quality monitor	Temperature automatic compensation, digital display 0.05 to 300×10 ⁻⁴ S/m.25deg.C (Conductance) 18 to 0.1×10 ⁴ Ω.m.25deg.C (Resistivity)	
Feeding pump	Electromagnetic pump	
Distilled water tank level display	Display on LED in 5 steps	
Range of collection capacity	0.1 to 99.9 L	
■ Standard		
Raw water pressure range	0.5 to 5×100kPa (0.5 to 5kg/cm ²)	
Power source 50/60Hz	100V/220V, single phase, 15A/6.8A	
External dimensions(W×D×Hmm)	570×455(590)×730 Figure in () includes water sampling port	
Weight	Approx. 48 kg	Approx. 50 kg
■ Accessories		
	Water supply hose -- 2m×1 pc. (with connecting unit), Tank draining hose - - 0.7m×1 pc. (with connecting coupling), Drain hose -- 2m×1 pc. (with hose clamp), Detergent -- 1kg, Seal tape -- 1 roll, Air releasing stick for pump -- 1 pc. Grounding type adapter -- 1 pc.	

Optional Accessories



Connection Unit (WL100+WG262)



Stand (AS200)



Water Supply Unit OWH

Dimensions (Unit:mm)

