

Water Purifiers

WA500/570/710/730

Model			
500	570	710	730
Water Purification Method			
Distillation -> Ion exchange Distillation -> Filtration			
Purified Water			
Distilled water / Ion-exchange water			
Distilled Water Capacity			
5.0 L/h		10 L/h	
Collection of			
Distilled water 1.4 L/min		Ion-exchange water 1.4 L/min	

Large-capacity type to supply highly pure water with a single motion.

These models employ microprocessor automatic control of all processes, from the supplying of water, ion exchange and distillation, to the storage.

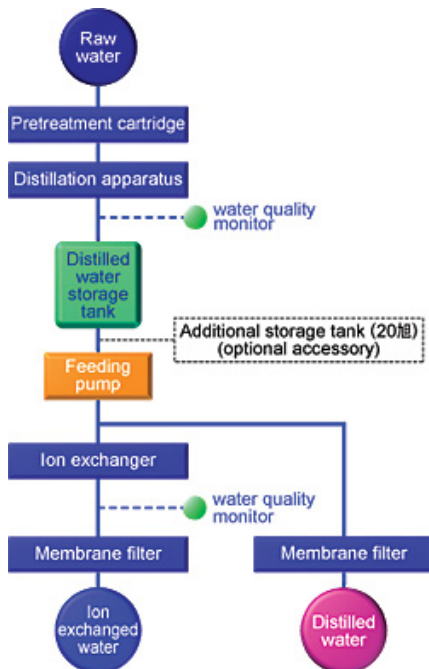
- They feature a number of devices for direct production of large amounts of distilled water and deionized water.
- They also include a number of devices with many functions that guarantee high purity of water, as well as 2 methods of production of deionized water.
- The operation panel has high operability such as arbitrary setting of amount of water supplied, single key-stroke system and a water quality monitor indigital form which permits you to check the water quality easily.
- It is easy to exchange the ion-exchange resin cartridge.

Control Panel



WA570/710

System Diagram



Structure



Inner View



Specifications

	WA500	WA570	WA710	WA730
■ Performance				
Water purification method	Distillation -> Ion-exchange -> Filtration			
Purified water	Distilled water, Deionized water			
Distilled water capacity	Approx. 5 L/Hr.		Approx. 10 L/Hr.	
Collection of Distilled water	Approx. 1. 4/1.6 liter/ min. (50/60Hz)			
Collection of Ion exchange water	Approx. 1. 4/1.5 liter/ min. (50/60Hz)			
■ Components				
Boiler	Stainless steel			
Condenser	Stainless steel			
Heater	Pipe heater, 1.9kW×2 pcs.		Pipe heater, 2.55kW×3 pcs.	
Distilled water storage tank	Polyethylene made, 60 liter			
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 liter)			
Water quality monitor	Temperature automatic compensation, digital display Display are switch types electric conductivity and the resistivity 0.05 to 300×10 ⁻⁴ S/m.25deg.C (Conductance) 18 to 0.1×10 ⁴ Ω.m.25deg.C (Resistivity)			
Distilled water tank level display	Display on LED in 5 steps			
Range of collection capacity	0.1 to 99.9 L (0.1 L/step)			
Feeding pump	Electromagnetic pump			
■ Standard				
Raw water pressure range	1 to 5×100kPa (1 to 5kg /cm ²)			
Power source 50/60Hz	100V, single phase, 40A	200/220V, single phase, 20/18A	200/220V, single phase, 40/37A	200/380V, three phase, 30/16A
External dimensions(W×D×Hmm)	903×603×1, 430			
Weight	Approx. 120 kg			
■ Accessories				
	Water supply hose -- 2m×1 pc. (with connecting unit), Drain hose -- 3m×1 pc. (with hose clamp), Detergent -- 1kg, Pre-treatment cartridge -- 1 pc. Ion-exchange resin -- 1 pc. Membrane filter -- 2 pcs.			

■ Optional items

Description	Model No.	Product Code
Supply Water Unit OWH10	WS200/220, WG35/510/710/730, WA200/500/570/710/730	253686
Connection Unit G (WL100 Autostill)	WG510/710/730, WA500/570/710/730	253668
Sampling Hose Connection Unit OWF	WG510/710/730, WA500/570/710/730	253208
High Purity Cartridge CPC-H	WA500/570/710/730	CPCNS30011
Drain Trap OWI20	WG35, WG510, WA570	253212
Drain Trap OWI40	WG710, WA500/710	253214
Drain Trap OWI50	WG730, WA730	253215
Pretreatment Cartridge ACF0827	WG510/710/730, WA500/570/710/730	9020030003
Ion exchange resin cartridge CPC-N	WA500/570/710/730	CPCN30010
Membrane filter MFRL730	WG510/710/730, WA500/570/710/730	9020010006

Dimensions (Unit:mm)