

WATER PURIFIERS



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ANALYTICAL EXCELLENCE...

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Water Purifier Medium Type (Automatic Ultra-Pure Water) MA-VI / MA-VII / MA-VIII / MA-IX

FEATURES:

- UV type with UV lamp
- Double wavelength (185 & 254nm), sterilizes and reduces TOC, expands usage range
- UF type with UF filter, eliminates endotoxins efficiently
- Other features similar to Automatic RO/DI Water Purifiers



MODEL SPECIFICATIONS:

Model		MA-VI	MA-VII	MA-VIII	MA-IX
		Basic	Eliminating endotoxin UF	Low TOC UV	Synthesizing UVF
Water Output Type		RO and ultra-pure water			
Water Output Speed		45 L/H	63 L/H	94 L/H	125 L/H
Purifying Procedure		PF+AC+RO+AC +DI+TF	PF+AC+RO+AC +DI+UF+TF	PF+AC+RO+AC +UV+DI+TF	PF+AC+RO+AC+UV +DI+UF+TF
Water Supply Requirement		Tap water: TDS<200 ppm, 5~45°C, 1.0~4.0Kgf/cm ² (if TDS>200ppm, extra pre-treatment filter is recommended)			
Purification System	Pre-treatment Unit	20" PP filter*1; 20" Granular active carbon filter*1; 20" Active carbon block filter*1			
	RO Unit	300GPD RO membrane*1	400GPD RO membrane*1	600GPD RO membrane*1	400GPD RO membrane*2
	Subsequent Unit	Organic matter purification column*1; 12L ultra-purified column (imported resin)*1; 0.2µm imported PES terminal filter*1; Ultra purification column*2; MWCO5000D UF ultra-filtration module (MA-VII, MA-IX); Dual wavelength (185 x 254nm) UV lamp (MA-VIII, MA-IX)			
Ultrapure Water Quality	Resistivity (25°C)	18.2MΩ.cm			
	Heavy Metal Ion	<0.01ppb			
	TOC	<10ppb	<10ppb	<3ppb	<3ppb
	Bacteria	<0.01cfu/ml			
	Endotoxin	N/A	<0.001Eu/ml	N/A	<0.001Eu/ml
	Particle (>0.2µm)	<1/ml			
	RNases	N/A	<1pg/ml	N/A	<1pg/ml
	DNases	N/A	<5pg/µl	N/A	<5pg/µl

RO Water Quality	Ion Rejection Rate	97%~99% (New RO membrane)
	Organic Rejection Rate	>99%, when MW>200 Dalton
	Particles and Bacteria Rejection Rate	>99%
Flow Rate		3.0 L/min (when there is water in the tank)
Consumption		(45/63 L/H): 120W; (94/125 L/H): 240W
Power Supply		AC220V±10%, 50Hz+5% (standard); AC110V, 60Hz (optional)
Standard Configuration		Main body (includes 1 set of purification column), 2 built-in 15L tanks, accessory pack
External Size (W*D*H)		640*540*1110mm
Package Size (W*D*H)		650*750*1280mm
Gross Weight (kg)		90