



ARA Plus+ BWMS



FILTER

It removes large particles and organisms larger than $50\mu\text{m}$ in ballast water. It automatically removes any substances in filter cartridges by housing an internal pressure increase. It is highly accurate and reliable.

-Specifications-

- ▶ Mesh size : $50\mu\text{m}$
- ▶ Design pressure : 6.6 bar
- ▶ Max. working temp : 50°C
- ▶ Power Source : 3Phase, AC 380/440V 50/60Hz



ULTRA-VIOLET

It has a high performance in disinfecting bacteria and viruses (which are smaller than $50\mu\text{m}$). There are no formations of residual toxins or harmful substances. Uses a wavelength of UV-C (200~280nm) to sterilize microorganisms.

-Specifications-

- ▶ UV sensor : $0\sim 500\text{ mW/cm}^2$
- ▶ Temperature sensor : PT-100
- ▶ Wiper Seal : EPDM
- ▶ UV chamber : STS 316L



CONTROL PANEL

Users conveniently operate "ARA Plus+ BWMS" by touchscreen. The status of each module and any alarm messages are easily monitored in realtime. The control panel consists of four parts; monitoring & operating, main switch, emergency stop switch and cabinet ventilators.

-Specifications-

- ▶ Control panel type : PLC type(Auto)
- ▶ Power Source : AC 230V, 1Phase & DC 24V
- ▶ Frequency : 50/60 Hz





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LINE UP

NO	MODEL	CAPACITY (m3/hr)	FILTER	DIMENSION (mm)	
				UV	CONTROL PANEL
1	AP-150 / AP-150 Ex	150	Ø406x1473	650 x 518 x 1016 / 1088	800 x 500 x 1350
2	AP-250 / AP-250 Ex	250	Ø406x1473	650 x 544 x 1016 / 1088	800 x 500 x 1350
3	AP-400 / AP-400 Ex	400	Ø660x1488	700 x 562 x 1016 / 1088	800 x 500 x 1700
4	AP-650 / AP-650 Ex	650	Ø762x1631	750 x 588 x 1016 / 1088	800 x 500 x 1700
5	AP-800 / AP-800 Ex	800	Ø1016x1998	APUV-400 x 2	APMCP-400(M) APMCP-400(S)
6	AP-1300 / AP-1300 Ex	1300	Ø1016x2198	APUV-650 x 2	APMCP-650(M) APMCP-650(S)

► 3D Modeling View

