

Aura-LiTe[®]
Water Filtration System

Commercial & Industrial Water Filter System



Aura-Lite Stainless Steel Commercial & Industrial Filtration System

The Aura-Lite Commercial and Industrial Filters offer solutions that help deliver the good quality of water to meet client needs. Aura-Lite durable and efficient equipment reduces contaminations and solids with cost effective and efficient way.

Aura-Lite (M) Sdn Bhd (870909-A)

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Brochure



Animated Video

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SYSTEM SPECIFICATION

MODEL	INLET/ OUTLET (MM)	BACKWASH PIPE SIZE (MM)	DESIGN FLOW RATE (M ³ /H)	FILTER MEDIA REQUIRED (LITRE)	DIMENSION (MM) (DIAMETER X HEIGHT)
ALS-355	50	50	1-5	80	355 X 1650
ALS-406	50	50	2-6	100	406 X 1650
ALS-457	50	50	3-9	130	457 X 1650
ALS-533	50	50	5-11	170	533 X 1830
ALS-600	50	50	6-14	250	600 X 1830
ALS-760	50	50	8-20	350	760 X 1830
ALS-812	50	50	10-25	450	812 X 1830
ALS-915	50	50	12-32	510	915 X 1830
ALS-1070	80	80	17-40	750	1070 X 1830
ALS-1220	80	80	22-55	950	1220 X 1830
ALS-1320	100	100	26-65	1200	1320 X 1830
ALS-1600	100	100	40-100	1650	1600 X 2185

FILTER MEDIAS AND ITS FUNCTIONS

FILTER MEDIA	FUNCTIONS
Activated Carbon	most effective at removing chlorine, sediment, volatile organic compounds (VOCs), taste and odor from water.
Birm	removing dissolved iron and manganese compounds from raw water
Manganese Greensand	to remove iron, manganese, and hydrogen sulfide from water
Filox	commonly used for the reduction of iron, hydrogen sulfide and manganese in the presence of Chlorine
Anthracite	to regular coagulation and sedimentation for removal of solids from surface water
Zeolite	removal of solids and colloids, increasingly demands the efficient removal contaminants including heavy metals and other toxic substances, bacteria and other parasites
Fine Silica Sand	Effective in removal of particles and sediments with the size more than 1.2mm
Medium Silica Sand	Effective in removal of particles and sediments with the size more than 2.4mm
Coarse Silica Sand	Effective in removal of particles and sediments with the size more than 4.8mm
Gravel / Stone	As supporting base and work as guard to prevents other mixture of filter media going out to the treated water.

MATERIAL SPECIFICATION

Filter Vessel	Stainless Steel 304 (Standard) Stainless Steel 316 and 316L, Mild Steel, Fibre Reinforce Plastic (FRP)
System Pressure	Max 10 bar
Exterior Surface Finishing	Polish Finish (Standard) Matt Finish
Manifold Piping	Stainless Steel 304 (Standard) Stainless Steel 316, 316L, ABS and PVC with threaded, flanged or welded fittings
Control Valves	Manual Backwash System Cast Iron with Stainless Steel Disc Butterfly Valves (Standard) Stainless Steel Valves Ball Valves Automatic Backwash System Electrical Actuator Valves (Standard) Pneumatic Valves Electrical Controller Valves with timer



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