Eliminator® Organic Scavengers

Producing up to 45 m^3/hr of treated water.

The Eliminator® range of Organic Scavengers remove up to 90% of organic matter from water for a range of industrial applications.

Features & Benefits

- Fully automatic five cycle control valve; improves resin life and plant efficiency.
- Constructed from corrosion resistant materials throughout to ensure long life.
- Designed for ease of servicing and maintenance.
- 24 volt operation; safe installation, operation and maintenance.
- Manufactured as free standing unit; simple, low cost installation
- Maximum treated water flows from 2.4 to 45 m^3/hr.
- Prevents resin fouling; improving plant output and treated water quality.
- Specially selected resins; remove high and low molecular weight organics.

Applications

Pre treatment for deionisation process where source water is high in naturally occurring organic matter.

AQUAservice

Our service and maintenance agreements provide flexible options, to ensure your system is operating to optimum performance.

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System Performance

Plant Type		30	80	3012	3020	3030	3050	3070	3095	3130
Max Treated Water Flow @ Feed Water TOC of 1 mg/l @ Feed Water TOC of 4 mg/l	m^3/hr m^3/hr	2.4 1.6	4.0 4.0	7.2 6.5	12 10.8	18 1.62	20 20	28 28	45 45	55 55
Min* Treated Water Flow	m^3/hr	0.12	0.25	0.38	0.66	0.88	1.5	2.0	2.5	3.5
Max Working Pressure	bar	8.5	8.5	8.5	8.5	8.5	7.0	7.0	7.0	7.0
Min Working Pressure	bar	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Test Pressure	bar	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Maximum Working Temperature at Maximum Pressure	°C	30	30	43	43	43	43	43	43	43
Capacity @ Feed Water TOC of 1 mg/l @ Feed Water TOC of 4 mg/l	m^3 m^3	86 22	230 58	346 87	576 144	864 216	1424 356	1968 492	2720 680	3840 960
Pressure Loss at Maximum Flow	bar	1.6	2.8	1.3	2.5	3.2	1.3	1.8	2.0	2.1
Pressure Loss at 50% Flow	bar	0.5	0.8	0.8	1.0	1.2	0.4	0.4	0.5	0.5
Drain Capacity	m^3/hr	0.6	1.25	2.25	3.4	5.6	2.8	3.8	6.2	8.7
Electrical Supply	bar	220 to 240V 50/60 Hz at 250VA (watts) max.								

*Capacity and flow rates are dependent on influent T.O.C. given and are for guidance only.
A full water analysis is required prior to sizing units.

System Specifications

Plant Type		30	80	3012	3020	3030	3050	3070	3095	3130
Regen Volume	m^3	0.23	0.45	0.82	1.2	1.9	2.6	3.6	6.0	8.0
Salt Used per Regen	kg	3.9	10.4	17.9	29	43	71	98	152	208
Regen Time	minutes	38	84	60	72	82	120	120	150	150
Salt Tank Capacity	regenerations	14	4	6	7	7	10	6	4	4
Width	mm	760	760	1110	1220	1500	2400	2550	4000	4250
Height	mm	1120	1577	1945	1895	2155	2080	2110	2770	2875
Depth	mm	575	575	675	675	850	1100	1100	1285	1360
Approx. Working Weight	kg	240	400	675	840	1120	2400	2550	3500	4500
Approx. Shipping Weight	kg	70	145	180	270	410	795	1025	795	1025
Approx. Shipping Volume	m^3	0.35	0.60	1.0	1.5	2.04	5.2	6.1	9.5	11.5
Inlet (BSP)	Inches	¾	¾	2	2	2	2	2	2½	3
Outlet (BSP)	Inches	¾	¾	2	2	2	2	2	2½	3
Drain (BSP)	Inches	13mm hose	13mm hose	1	1	1	1	1	1½	2

For higher flow rate applications consult Veolia Water Technologies.

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