

Eliminator[®] Media Filters

Flow rates up to 36 m³/hr.

The Eliminator range of Media Filters remove suspended matter, turbidity, iron, colour and odour from water for a range of industrial applications.

Features & Benefits

- Packaged plant; simple robust construction, low installation time and costs, high reliability.
- Fully automatic; low operator involvement.
- Cleaning initiated by time clock; allows cleaning to occur during periods of no or low demand.
- Designed for ease of service and maintenance.
- High velocity backwash.

Options

- Sand Filters; removal of suspended matter and turbidity.
- Carbon Filters; removal of chlorine, taint, odour or soluble organics.
- Iron Removal Filters; removal of dissolved and undissolved iron and manganese.

Applications

Pre treatment for deionisation process where source water is high in suspended matter, turbidity, iron, colour or odour.

AQUAservice

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

Flow rates up to 36 m³/hr.



System Performance

Plant Type	Filtered Water Flow Rate	Cleaning Flow at 2.0 bar	Cleaning Period	Maximum Working Pressure	Minimum Working Pressure	Inlet/Outlet/Drain Connections BSP		
	m ³ /hr*	m ³ /hr	minutes	bar	bar	inches		

PSF Sand Filters

PSF 120	0.37 – 2.2	2.7	24	8.5	1.7	1	1	1
PSF 160	0.65 – 3.9	4.5	24	8.5	1.7	1	1	1
PSF 240	1.46 – 8.8	11.2	24	8.5	4.0	1½	1½	1½
PSF 300	3.25 – 20	20.2	24	7.0	2.6	2	2	2
PSF 400	5.75 – 36	36.2	24	7.0	2.0	2	2	2

PCF Carbon Filters

PCF 120	1.10 – 2.19	1.6	24	8.5	1.7	1	1	1
PCF 160	1.95 – 3.9	2.7	24	8.5	1.7	1	1	1
PCF 210	3.35 – 6.69	3.4	24	8.5	1.7	1½	1½	1
PCF 240	4.38 – 8.76	4.5	24	8.5	1.7	1½	1½	1
PCF 300	10 – 20	12.3	36	7.0	1.7	2	2	2
PCF 400	17.5 – 35	20.16	36	7.0	2.5	2	2	2

PGF Iron Removal Filters

PGF 160	0.78 – 1.56	3.36	60	8.5	1.7	1	1	1
PGF 210	1.34 – 2.68	5.60	60	8.5	1.7	1	1	1
PGF 240	1.75 – 3.50	7.84	60	8.5	2.5	1½	1½	1

PMD Iron Removal Filters

PMD 300	3.5 – 7.0	15.7	24	7.0	2.0	2	2	2
PMD 400	6.0 – 12.0	29.0	24	7.0	2.5	2	2	2

*Flow rates stated are dependent on the influent feed water quality. Maximum working temperature at maximum pressure is 43°C.

System Dimensions

Model		120	160	210	240	300	400
Height	mm	1402	1857	1797	2034	2420	2827
Depth	mm	409	478	621	691	927	1226
Headroom (recommended)	mm	600	600	600	600	600	600
Approx. Service Weight	kg	176	425	720	1150	2255	4370

Note: add extra 600mm to PGF 160-240 installations to allow for potassium permanganate regeneration tank.

Client to Provide:

- Power supply 240V, 50Hz
- Drainage for backwash flow
- Raw, filtered water and drain pipework to and from unit
- Potassium permanganate for PGF filters
- Manual isolating valves

For higher flow rate applications consult Veolia Water Technologies.

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