Iron Filters

Industrial Iron Filters

OPTIMO 160-480

Used in houses , hotels, restaurants, industrial and commercial applications, agriculture and others.

- Iron removal (to 20mg/l) and manganese removal (to 3m/l)
- Flow rate depend on inlet water parameters
- Filter media activated for iron and manganese removal
- Automatic backwash and fast rinse cycles
- Electronic or mechanical controllers

The filter consist of:

- Corrosion resistant fiberglass tank
- Filter media activated for iron and manganese removal
- 3 cycle valve controlled process of backwash, fast rinse and service

OPTIMO 240

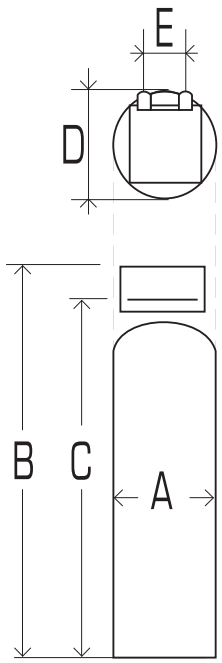
Valve LOGIX MAGNUM

OPTIMO 160 - 480

MODEL	Filtration area [m²]	Nominal Flow Rate [m³/h] at Filtration Rate (1) [m/h]			Maximal (2) Flow Rate [m³/h]	Backwash (3) Flow Rate [m³/h]	Media Volume [dm³]
		8	12	20			
OPTIMO 160	0,130	1,0	1,6	2,6	3,0	2,6 - 6,5	112
OPTIMO 180	0,164	1,,3	2,0	3,3	4,0	3,3 - 8,2	168
OPTIMO 210	0,223	1,8	2,7	4,5	5,0	4,4 - 11,0	196
OPTIMO 240	0,292	2,4	3,5	5,8	7,0	5,8 - 14,6	308
OPTIMO 300	0,456	3,6	5,5	9,1	11,5	9,1 - 22,8	420
OPTIMO 360	0,656	5,3	8,0	13,1	16,0	13,1 - 33 *	588
OPTIMO 420	0,893	7,1	11,0	17,8	22,0	18,0 - 45 *	700
OPTIMO 480	1,167	9,3	14,0	23,0	23,0	22,8 - 58 *	1000

* only side mounted with additional Aquamatic valves (high backwash rate)
(1) choose Filtration Rate base on water quality and filter media
(2) max periodic flow rate at Δp = 1,5 bara
(3) depend on filter media

Common data	Value	Units
Connection - inlet / outlet model 160 - 240	1,5	cal
Connection - inlet / outlet model 300 - 480	2	cal
Drain line connection	1,5	cal
Pressure min / max	1,7 - 8,6	bar
Max. temperature	1 - 38	°C
Power connection	220/12	V/AC



Dimensions / MODEL	**A** - tank diameter [cm]	**B** - heigh [cm]	**C** - heigh to connections [cm]	**D** - deep [cm]	**E** - connect. distance [cm]
OPTIMO 160	41	201	179	58	49
OPTIMO 180	49	201	179	60	49
OPTIMO 210	53	192	170	62	49
OPTIMO 240	61	212	190	66	49
OPTIMO 300	77	228	206	77	23
OPTIMO 360	93	236	214	93	23
OPTIMO 420	110	260	238	110	23
OPTIMO 480	130	270	248	130	23

H2Optim
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