



Filtral UVC

400, 800, 1600

Operating instructions
Notice d'emploi
Instrucciones de uso

English

Français

Español

Technical data

Unit data

Filtral		400	800	1600
Rated voltage	V AC	120	120	120
Rated frequency	Hz	60	60	60
Power consumption	W	20	22	50
Performance of UVC lamp TC-S	W	5	9	13
Hose connection for branch valve	in	½	–	–
	mm	13	–	–
	Stepped hose adapter	in	½, ¾, 1	½, ¾, 1
		mm	13, 19, 25	13, 19, 25
Max. conveying performance	gph	195	235	410
	l/h	740	900	1560
Max. water column	m	1,3	1.3	1.9
Filter surface	cm²	301	440	697
Filter foam (blue)	Quantity	1	1	1
	Pore size	ppi	10	10
Filter foam (red)	Quantity	1	1	1
	Pore size	ppi	30	30
Number of bio surface elements		1	2	4
Number of bags of filter ceramic		1	1	1
Pond size (without fish)	gal	400	800	1600
	m³	1500	3000	6000
Pond size (with fish)	gal	200	400	800
	m³	750	1500	3000
Dimensions	Length	in	8.15	10.6
		mm	207	269
	Width	in	9.0	9.6
		mm	228	245
	Height	in	5.1	5.5
		mm	130	140
Weight	kg	2,7	3.4	4.9
Length of the connection cable	ft	15	15	15
	m	4,5	4,5	4,5

Venturi nozzle

Filtral			400	800	1600
Air conveying performance of the Venturi nozzle with a 1.5 m hose with a sub-merged depth of	0.1 m	l/h	80 ¹⁾	83	244
	0.2 m	l/h	35 ¹⁾	70	184
	0.3 m	l/h	32 ¹⁾	34	176
	0.4 m	l/h	–	29	140
	0.6 m	l/h	–	–	136
	0.8 m	l/h	–	–	113
	1.0 m	l/h	–	–	95
Max. immersion depth for Venturi nozzle and water feature with 1.5 m air hose		m	–	0.3	0.4

¹⁾ With optionally available Venturi nozzle

Permissible water values

Fresh water, pond water		
pH value		6.8 ... 8.5
Hardness	ppm	0.45 ... 0.48
	°dH	8 ... 15
Free chlorine	moz/gal	<0.04
	mg/l	<0.3
Chloride content	moz/gal	<33.4
	mg/l	<250
Salt content	%	<0.4
Overall dry residue	moz/gal	<6.67
	mg/l	<50
Temperature	°F	+39 ... +77
	°C	+4 ... +35