



Automatic Self-Cleaning Filter



T Type

Model	Connections BSP/NPT/GRV	Max Flow (M ³ /H)	Max Pressure (Bar)	Backwash Pressure (Bar)	Filtering Surface (cm ²)
PRD02120A	2"	20	10	1.5	1020
PRD02120AL	2"	25	10	1.8	1492
PRD03120A	3"	32	10	1.8	1492

Dimension And Package

Model	Product Data				Package Data			
	H (mm)	W(mm)	D(mm)	Weight (kg)	H (mm)	L(mm)	W(mm)	Weight (kg)
PRD02120A	630	350	225	8.35	640	360	240	8.7
PRD02120AL	750	350	225	8.35	760	360	240	10.10
PRD03120A	750	350	225	8.55	760	360	240	10.18






H Type

Model	Connections BSP/NPT/GRV	Max Flow (M ³ /H)	Max Pressure (Bar)	Backwash Pressure (Bar)	Filtering Surface (cm ²)
PRD03H120A	3"	44	10	2.0	2040
PRD04H120A	4"	64	10	2.0	2984

Dimension And Package

Model	Product Data				Package Data			
	H (mm)	W(mm)	D(mm)	Weight (kg)	H (mm)	L(mm)	W(mm)	Weight(kg)
PRD03H120A	960	340	220	10.63	970	36	24	14.70
PRD04H120A	1200	340	220	13.63	122	36	24	16.60

Remarks:




-  Standard Filtration Grade is 120 Mesh, for other grades can be customized. (80/150/200/300).
-  There are 2 kinds of filter connections: male thread, and VIC. The buyer must choose which connection will be used.
-  For male thread, BSPT and NPT standards are available. The buyer must choose which standard will be used.



T Type Automatic Backwashing Disc Filter Set



Features:

-  Continuous filtering for water supply during back flushing;
-  Collect and manage data through the controller for unmanned operation;
-  High quality materials and advanced design ensures product performance.






Model	Specification	Quantity (Pcs/Ctn)	Wooden Case Size (CM)
PRSYS202	2"x 2 units 120 mesh, Working pressure: 10Bar, Self-cleaning pressure:>2.5 bar, Maximum Flow rate: 40m3/H, Pipe size: 3" (DN80mm)	1	65*90*105
PRSYS203	2" x 3 units 120 mesh Working pressure: 10Bar, Self-cleaning pressure:>2.5 bar, Maximum Flow rate: 60m3/H, Pipe size: 3"(DN80mm)	1	95*95*105
PRSYS302	3" x 2 units , 120 mesh Working pressure: 10Bar, Self-cleaning pressure :>2.5 bar, Flow rate: 50-60m3/H, Pipe size: 4" (DN100mm)	1	105*75*125
PRSYS303	3" x 3 units , 120 mesh Working pressure: 10Bar, Self-cleaning pressure :>2.5 bar, Flow rate: 75-90m3/H, Pipe size: 4"(DN100mm)	1	100*105*120
PRSYS304	3" x 4 units, 120 mesh, Working pressure:10Bar, Self-cleaning pressure:>2.5 bar, Flow rate: 100-120m3/H, Pipe size: 6"(DN150mm)	1	130*110*130
PRSYS305	3" x 5 units , 120 mesh Working pressure: 10Bar, Self-cleaning pressure:>2.5 bar, Flow rate: 125-150m3/H, Pipe size: 6"(DN150mm)	1	155*110*135
PRSYS306	3" x 6 units, 120 mesh Working pressure: 10Bar, S elf-cleaning pressure:>2.5 bar, Maximum Flow rate: 150-180m3/H, Pipe size: 8"(DN200mm)	1	213*101*96



H Type Automatic Backwashing Disc Filter Set



Features:

-  Bigger flow rate in a compact space
-  Continuous filtering for water supply during back flushing;
-  Collect and manage data through the controller for unmanned operation;
-  High quality materials and advanced design ensures product performance.
-  Assembled and debugged in the factory, easy to use on site

Model	Specification	Quantity (Pcs/Ctn)	Wooden Case Size (CM)
PRSYS303H	3" x 3 units H type, Working pressure: 10Bar, 120 mesh Self-cleaning pressure:>2.5 bar Maximum Flow rate: 120m ³ /H Pipe size: 6"(DN150mm)	1	125*110*155
PRSYS304H	3" x 4 units H type Working pressure: 10Bar, 120 mesh Self-cleaning pressure:>2.5 bar Maximum Flow rate: 160m ³ /H Pipe size: 6"(DN150mm)	1	140*125*155
PRSYS305H	3" x 5 units H type Working pressure: 10Bar, 120 mesh Self-cleaning pressure:>2.5 bar Maximum Flow rate: 200m ³ /H Pipe size: 8"(DN200mm)	1	235*110*155
PRSYS404H	4" x 4 units H type Working pressure: 10Bar, 120 mesh Self-cleaning pressure:>2.5 bar Maximum Flow rate: 200-240m ³ /H Pipe size: 8"(DN200mm) Back-flushing T type 3 way control valve: F110FM	1	170*130*170
PRSYS404H-B	The same data as above but with Back-flushing T type 3 way control valve: BFV100	1	/



PRSYS405H	4" x 5 units H type Working pressure:10Bar, 120 mesh Self-cleaning pressure:>2.5 bar Maximum Flow rate: 250-300m3/H Pipe size: 10"(250mm) With Back-flushing T type 3 way control valve: F110FM	1	/
PRSYS405H-B	The same data as above but with Back-flushing T type 3 way control valve: BFV100	1	/
PRSYS406H	4" x 6 units H type Working pressure:10Bar, 120 mesh, Self-cleaning pressure:>2.5 bar, Maximum Flow rate: 300-360m3/H ,Pipe size: 10"(DN250mm) With Back-flushing T type 3 way control valve: F110FM	1	/
PRSYS406H-B	The same data as above but with Back-flushing T type 3 way control valve: BFV100	1	/
PRSYS407H	4" x 7 units H type Working pressure:10Bar, 120 mesh, Self-cleaning pressure:>2.5 bar, Maximum Flow rate: 350-420m3/H ,Pipe size: 10"(DN250mm) With Back-flushing T type 3 way control valve: F110FM	1	/
PRSYS407H-B	The same data as above but with Back-flushing T type 3 way control valve: BFV100	1	/
PRSYS408H	4" x 8 units H type Working pressure:10Bar, 120 mesh, Self-cleaning pressure:>2.5 bar, Maximum Flow rate: 400-480m3/H ,Pipe size: 10"(DN250mm) With Back-flushing T type 3 way control valve: F110FM	1	/
PRSYS408H-B	The same data as above but with Back-flushing T type 3 way control valve: BFV100	1	/



Filter Back-flushing T type 3 Way Control Valve

Back-flushing T type 3 way control valves are hydraulic control valves used in the automatic backwash filtration system. They have 2 control chambers which can be deformed into angular flow or direct flow with the spring assembly. The unique cavity design ensures large flow volume of water supply.

Feature





-  Unique plastic pool assembly design with tight sealing and corrosion resistance;
-  The valve stroke is short to stabilize water flow and avoids blend of clean and dirty water;
-  Corrosion-resistant and durable PA66
-  Easy-to-remove drive system for easy on-line inspection and maintenance

Photo	Product code	Specification	Qty /Ctn (Pcs)	Ctn size (cm)	G.W (kg)
	BFV050	2", PA6 Size: 274x180x160mm, Net weight: 2.8kg, Max. Flow rate: 30 m3/h, Working pressure: 0.7-10bar; Connection: VIC	2	28*21*17	3.3-
	BFV080	3", PA6 Size: 378x287x192mm, Net weight: 5.5kg, Max. Flow rate: 50 m3/h, Working pressure: 0.7-10bar; Connection: VIC	1	40*30*20	6.3
	BFV100	4", PA6 Size: 464x277x260mm, Net weight: 9.9kg, Max. Flow rate: 100 m3/h, Working pressure: 0.7-10bar; Connection: VIC	1	46*34*27	11
	F110FM	4", PA6 Size: 316x187x170mm, Net weight: 5.5kg, Max. Flow rate: 80 m3/h, working pressure: 0.7-10bar; Connection: VIC	1	33*33*26	6.1
	BC901S	Modular backflush controller 1-10 outputs, Input: AC220V (AC110) Output: AC 24V ,	1	54*35*28	20
	BC901P	Modular backflush controller 1-10 outputs, Input: DC6V (4 alkaline batteries); Output: DC 12V latching	1	54*35*28	20
	CB050	PA6 Male thread and VIC adapter Dn50X2"	800	54*35*28	16
	CB080	PA6 Male thread and VIC adapter Dn80X3"	600	54*35*28	18