



WATERMIL AUTO DISC FILTRATION SYSTEM

Product information

- Flow rate: from 40 m³/h to 640 m³/h
- Filtration accuracy: from 20 to 400 microns
- Hydraulic backwash flushing valve 2", 3" or 4"
- Built-in computer system for automatic work planning

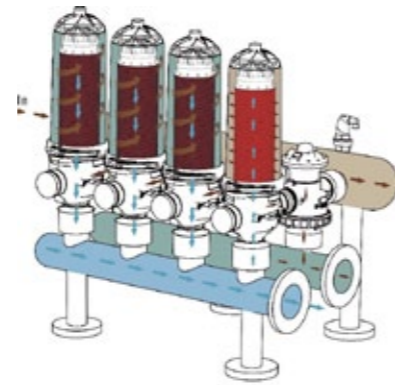
WATERMIL AUTO DISC FILTRATION SYSTEM

is characterized by a modular design, meeting the market requirements for various flow rates by adding additional T or H type filters. They act as an automatic water filtration system that ensures continuous water supply even during rinsing.



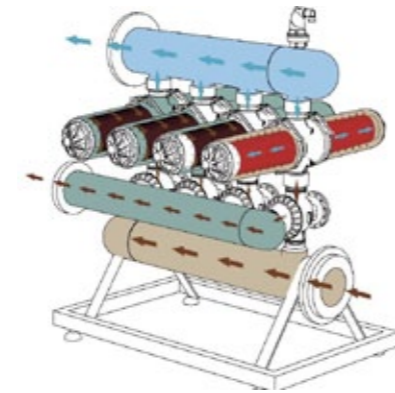
Filtration stage

During filtration stage dirty water flows to the filters through backwash valves, then contamination is retained by the slots in the disks, and clean water flows into the outlet pipe.



Backwash flushing stage

Under the command of the controller, only one of filter starts back-flushing at a time. The back-flushing control valves change the water flow direction, then the filtered water is introduced in reverse through the filtering element which decompresses the stack of discs for the backwash procedure. The solids are expelled from the discs and discharged through the drain manifold. The filtration process starts again after finishing the back-flushing.



Filtration degree

The available levels of filtration accuracy are marked with five colors.



System specification

	Filter model		AAF050T			Unit
	Filtration area		1020			cm ²
	Filtration degree	400 40	200 80	130 120	100 150	50 300
Quality of water	Good	28 123	24 106	20 88		m ³ /h
	Medium	24 106	20 80	16 70		m ³ /h
	Low	20 88	16 70	12 53		m ³ /h
	Very low	14 62	8 35	4 18		m ³ /h



Specification of the automatic disc filtration system type T3"

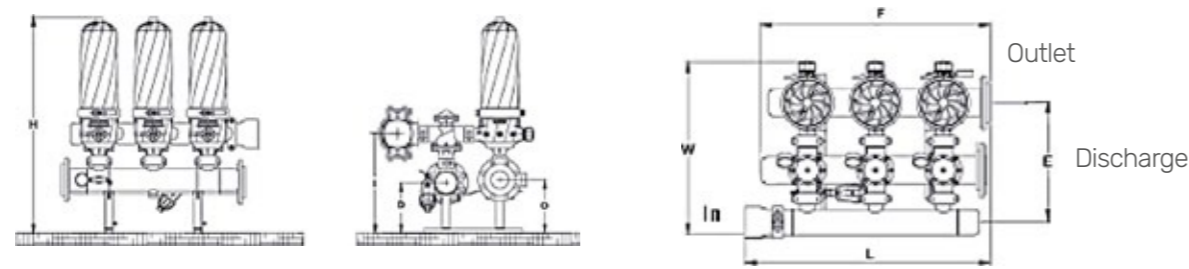
Model	Number of filters	Filtration area (cm ²)	Collector (in)	Max. flow (m ³ /h)	Weight (kg)
AAS302T4	2	2984	4	72	50
AAS303T4	3	4476	4	108	57
AAS304T6	4	5968	6	144	104
AAS305T6	5	7460	6	180	129
AAS306T8	6	8952	8	216	185
AAS307T8	7	10444	8	252	216
AAS308T8	8	11936	8	288	246

Specification of the automatic disc filtration system type T2"

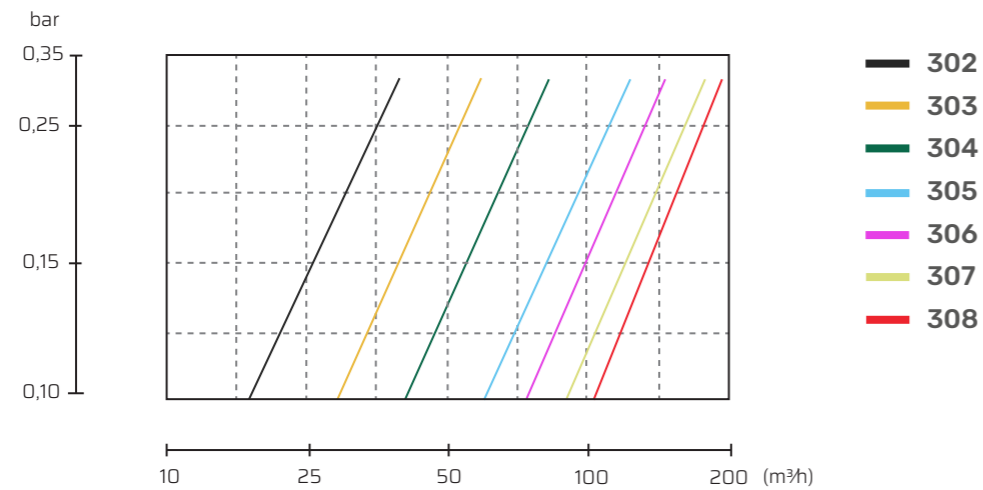
Model	Number of filters	Filtration area (cm ²)	Collector (in)	Max. flow (m ³ /h)	Weight (kg)
AAS202T3	2	2040	3	40	43
AAS203T3	2	3060	3	40	50
AAS203T4	3	3060	4	60	57

Dimensions of the automatic disc filtration system type T3" and T2"

Model	L (mm)	W (mm)	H (mm)	I (mm)	O (mm)	D (mm)	E (mm)
AAS302T4	670	880	1050	470	195	145	260
AAS303T4	950	880	1050	470	220	200	260
AAS304T6	1330	910	1080	525	240	210	270
AAS305T6	1510	910	1080	525	240	210	270
AAS306T8	1790	960	1110	575	270	230	300
AAS307T8	2070	960	1110	575	270	230	300
AAS308T8	2350	960	1110	575	270	230	300
AAS202T3	710	800	880	410	170	160	210
AAS203T3	970	800	880	400	170	160	210
AAS203T4	970	800	880	410	170	160	210

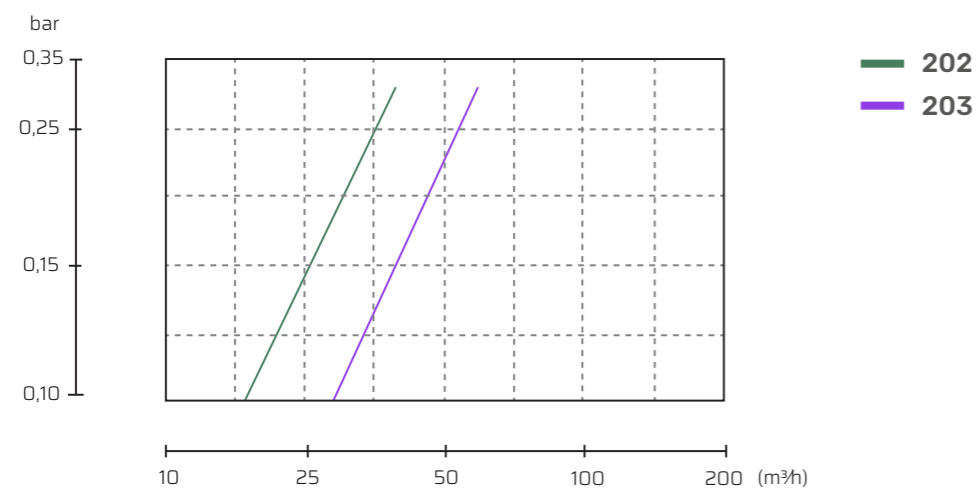


Pressure loss of system type T3" (130 microns/120 mesh)



Caution: Flow rate may vary for water of different quality.

Pressure loss of system type T2" (130 microns/120 mesh)



Caution: Flow rate may vary for water of different quality.

Specification of the automatic disc filtration system type H4"

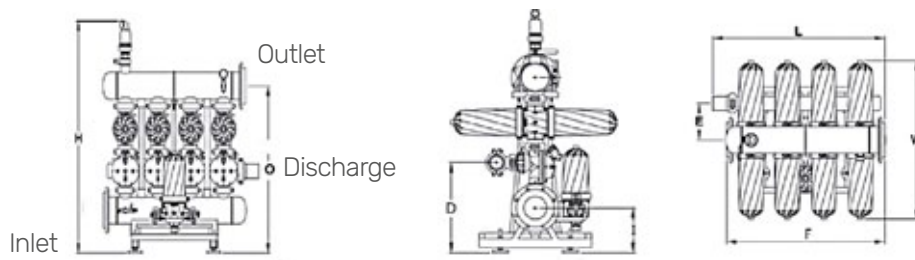
Model	Number of filters	Filtration area (cm ²)	Collector (in)	Max. flow (m ³ /h)	Weight (kg)
AAS404H6	4	11936	6	256	350
AAS404H8	4	11936	8	256	380
AAS405H10	5	14920	10	320	475
AAS406H8	6	17904	8	384	530
AAS406H10	6	17904	10	384	570
AAS407H10	7	20888	10	448	665
AAS408H10	8	23872	10	512	760
AAS409H12	9	26856	12	576	900
AAS410H12	10	29840	12	640	1000

Specification of the automatic disc filtration system type H3"

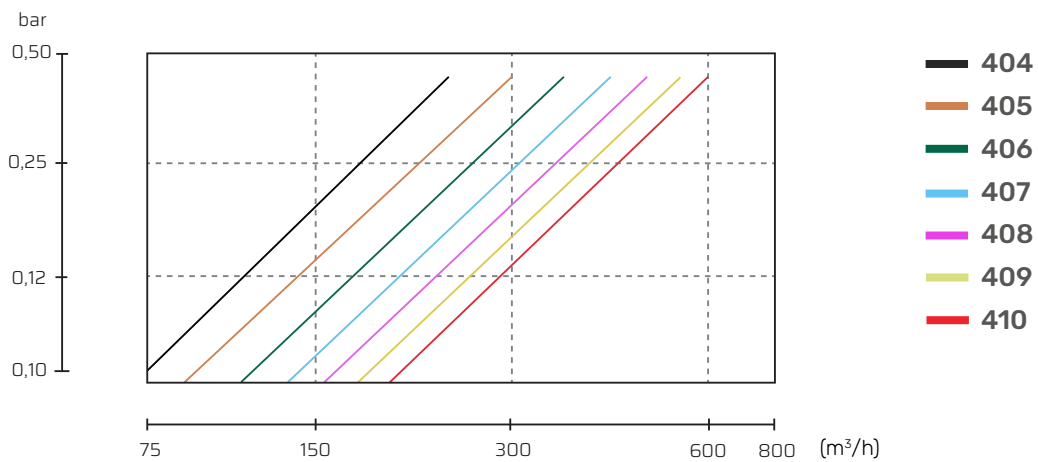
Model	Number of filters	Filtration area (cm ²)	Collector (in/mm)	Max. flow (m ³ /h)	Weight (kg)
AAS303H4	3	6120	4	135	63
AAS303H6	3	6120	6	135	86
AAS304H6	4	8160	6	180	114
AAS305H8	5	10200	8	225	170

Dimensions of the automatic disc filtration system type H4" and H3"

Model	L (mm)	W (mm)	H (mm)	I (mm)	O (mm)	D (mm)	E (mm)
AAS404H6	1200	1210	1330	320	1260	650	280
AAS404H8	1200	1210	1530	320	1320	680	300
AAS405H10	1480	1270	1620	340	1370	680	320
AAS406H8	1760	1270	1510	320	1280	680	300
AAS406H10	1760	1270	1620	340	1370	680	320
AAS407H10	2040	1270	1620	340	1370	680	320
AAS408H10	2320	1270	1620	340	1370	680	320
AAS409H12	2600	1320	1670	370	1450	710	350
AAS410H12	2880	1320	1670	370	1450	710	350
AAS303H4	950	940	1355	280	1200	590	320
AAS303H6	950	940	1450	300	1200	590	320
AAS304H6	1230	940	1450	300	1200	590	320
AAS305H8	1510	965	1530	300	1200	590	320

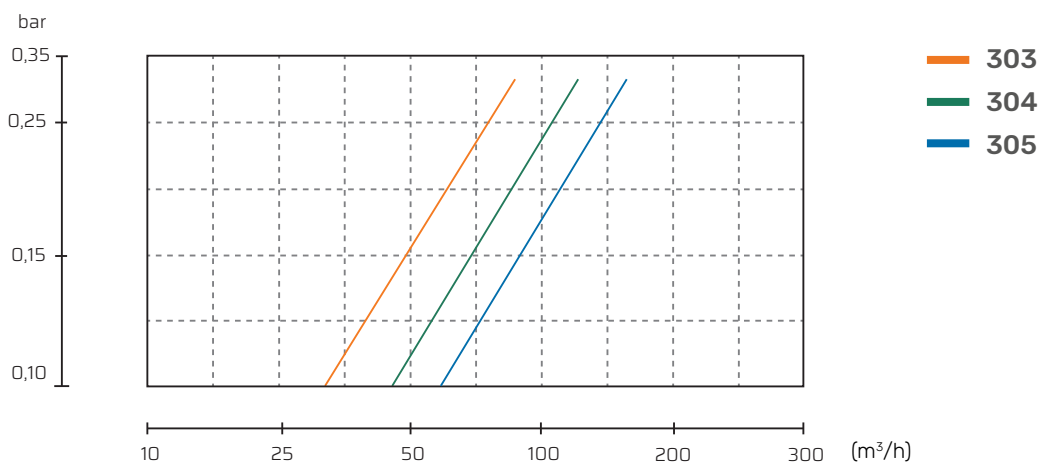


Pressure loss of system type H4" (130 microns/120 mesh)



Caution: Flow rate may vary for water of different quality.

Pressure loss of system type H3" (130 microns/120 mesh)



Caution: Flow rate may vary for water of different quality.



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