



AF SERIES


Nova Rocha
SISTEMAS E EQUIPAMENTOS DE REGA

SELF CLEANING SUCTION FILTERS

USAGE

AF series pre-filters are installed at centrifugal pump intake for protection against damage to impeller and restricted flow / cavitation.

The filter is installed submerged in water. When pumping starts, water flows through the screen while organic debris and other floating material are accumulated at the external surface of the screen which prevents their entry to the pump and irrigation system.

The screen is cleaned by spraying water from an internal nozzle system that rotate continuously and cover the entire screen surface.



MATERIALS

BODY:	Steel S235JR
SCREEN:	AISI 304
NOZZLES ASSEMBLY:	Bronze - PVC
GASKETS:	EPDM
SURFACE TREATMENT:	Chemical cleaning (pickling, phosphate) and electrostatic painting with polyester powder

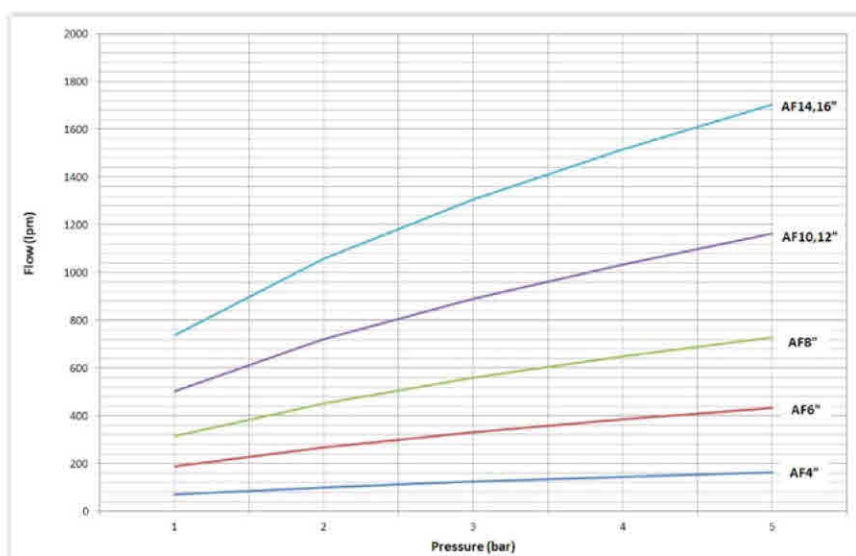
AF SERIES

CODE	DESCRIPTION	CONNECTIONS	FILTRATION FLOW m ³ /h		WASHING FLOW m ³ /h	MAX PRESSURE bar	H mm	W mm	WEIGHT kg
			1200 micron	2500 micron					
05-09-400	Self cleaning suction filter series AF 4"	F, G	80	100	7.4	3	762	450	28
05-09-600	Self cleaning suction filter series AF 6"	F, G	180	230	12.4	3	904	500	42
05-09-800	Self cleaning suction filter series AF 8"	F, G	300	380	13.7	3	1025	500	48
05-09-110	Self cleaning suction filter series AF 10"	F	420	550	19.9	3	1260	600	68
05-09-120	Self cleaning suction filter series AF 12"	F	600	750	19.9	3	1340	600	74
05-09-140	Self cleaning suction filter series AF 14"	F	800	1000	24.8	3	1370	900	124
05-09-160	Self cleaning suction filter series AF 16"	F	1000	1200	27.8	3	1370	900	128

F: Flanged, DIN 2576 PN 10, G: Grooved
Other standards and sizes upon request



WATER CONSUMPTION AF SERIES



MESH	MICRON
18	1500
8	2500


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