

Culligan®

Hi-Flo 9

CE

Flanged Filters

60 - 120

TECHNICAL SHEET

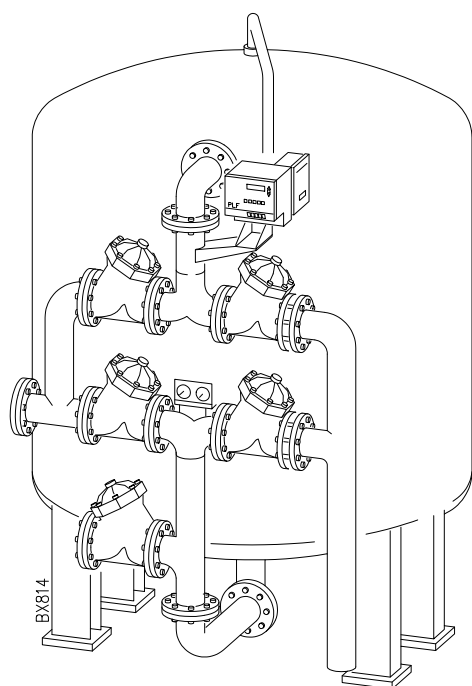


General

Hi-Flo 9 Culligan Filters are designed to respond to industrial proposes.

They are controlled by diaphragm valves opening and closing singly to direct the water flow during service and backwash steps.

A timer activates a pilot valve which opens and closes the diaphragm valves.



It can also be started manually and the filter will automatically resume service at the end of backwash step.

Backwash is automatically started by an electronic programmer, at any time of the day or night, on any day of the week.

All models feature the harness in cast iron, with epoxy coating.

The filter tanks are internally protected by a controlled thickness of epoxy paint, and externally coated with a neutral synthetic enamel.

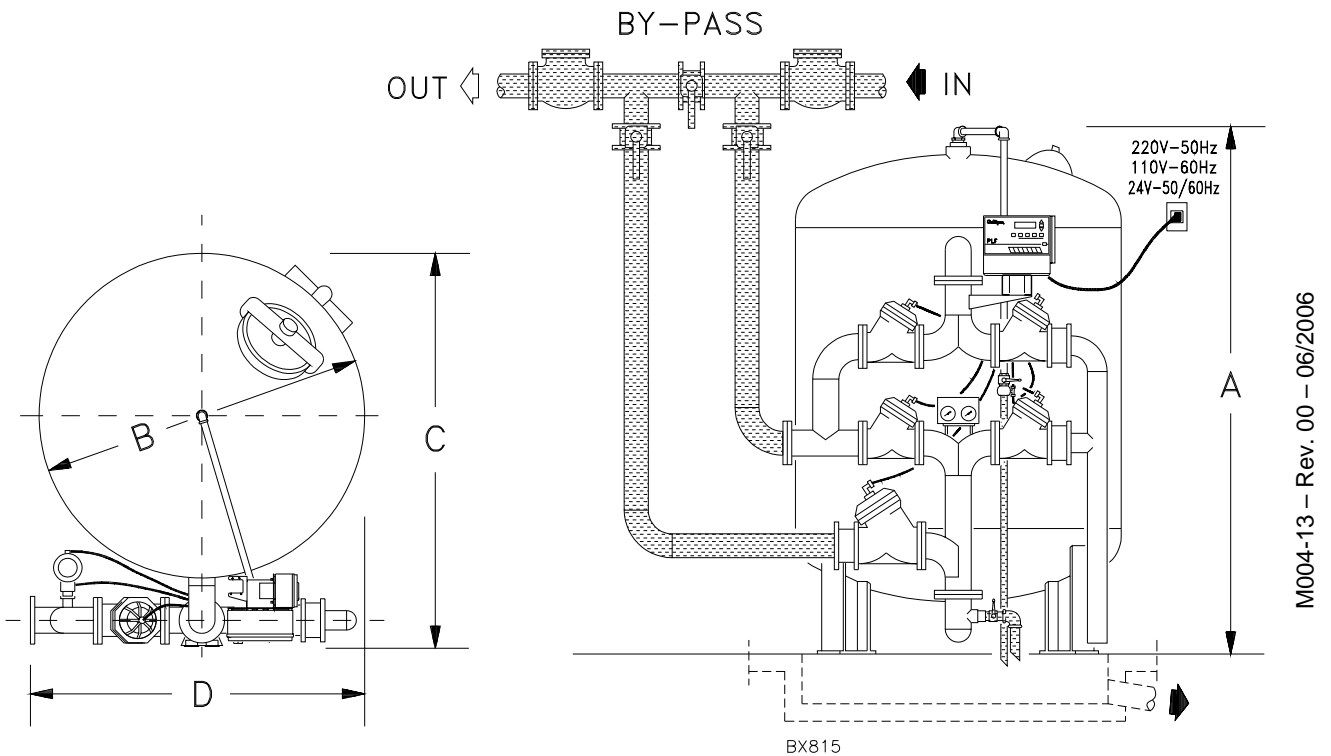
Culligan Hi-Flo and TWIN Filters cover any requirements for mechanical filtration and for chemico-physical filtration obtained by means of filtering layers.

The processes employed in Hi-Flo and TWIN Filters are:

- **Filtr-Cleer (UF)**: to remove any kind of turbidity from the water, and small quantities of Iron and Manganese; the Minerals utilized are anthracite and silica, chemically inert and of unlimited life.
- **Cullar (UR)**: to remove undesirable odour, taste and colours, as well as excess Chlorine. Cullar is a granular form of activated carbon.
- **Super Iron (UFP)**, for selective Iron and Manganese removal UFP Mineral has a strong catalising effect, enhanced by the injection of a proper chemical.

Quality System Certified according to UNI EN ISO 9001:2000 Norm

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M004-13 – Rev. 00 – 06/2006

TECHNICAL SPECIFICATIONS

Models	Flow Rates			Total washing drain m ³	Max pressure loss bar	In/Out Fitting dia.	operating weight kg	shipping weight kg	Overall Dimensions			
	min. Service m ³ /h	max. Service m ³ /h	Backwash m ³ /h						A mm	B dia. mm	C mm	D mm
FILTR-CLEER (turbidity)												
UF 60	17	42	61,3	16	1	DN 80 (3")	5500	3800	2700	1500	1760	1500
UF 72	25	60	90,8	24,5	1	DN 100 (4")	6400	5400	2782	1800	2150	1800
UF 84	32	80	129,4	33	1	DN 100 (4")	10650	7700	3090	2100	2450	2100
UF 90	36	86	147,7	39,5	1	DN 100 (4")	12450	9010	3100	2300	2630	2300
UF 100	49	117	174,9	46	1	DN 150 (6")	16100	11700	3364	2500	2950	2500
UF _{Fe} 100	49	117	174,9	46	1	DN 100 (4")	16100	11700	3314	2500	2850	2500
UF 120	70	170	250	53,5	1	DN 150 (6")	32000	18800	3600	3000	3490	3000
CULLAR (taste-odour-colour)												
UR 60	17	42	27,3	6,5	0,3	DN 80 (3")	4500	3350	2700	1500	1760	1500
UR 72	25	60	40,9	9,5	0,3	DN 80 (3")	5550	4600	2782	1800	2100	1800
UR 84	32	80	52,2	12	0,3	DN 100 (4")	8100	5900	3090	2100	2450	2100
UR 90	36	86	61,8	14,5	0,3	DN 100 (4")	9800	7600	3100	2300	2630	2300
UR 100	49	117	79,5	18	0,3	DN 100 (4")	11100	9400	3314	2500	2850	2500
UR 120	70	170	114	26	0,3	DN 150 (6")	29000	15250	3600	3000	3490	3000
SUPER IRON (Iron, Manganese)												
UFP 60	14	28	61,3	16	0,5	DN 80 (3")	5500	3800	2700	1500	1760	1500
UFP 72	20	40	90,8	24,5	0,5	DN 80 (3")	6400	5400	2782	1800	2150	1800
UFP 84	25	52	129,4	33	0,5	DN 100 (4")	10650	7700	3090	2100	2450	2100
UFP 90	29	58	147,7	39,5	0,5	DN 100 (4")	12450	9010	3100	2300	2630	2300
UFP 100	39	79	174,9	46	0,5	DN 150 (6")	16100	11700	3364	2500	2950	2500
UFP _{Fe} 100	39	79	174,9	46	0,5	DN 100 (4")	16100	11700	3314	2500	2850	2500
UFP 120	56	112	250	53,5	0,5	DN 150 (6")	32000	18800	3600	3000	3490	3000

- Power supply: 230-110-24V/50-60Hz.

Culligan reserves the right to change any technical or design specifications