



Now Featuring Two Options

WHY MACU™-CLEAN II

DESIGNED TO WITHSTAND

We stand behind our products and when the opportunity arises to create something unique for a client we want to share it with our customers. We are now featuring a second Hi-Flow Valve option.

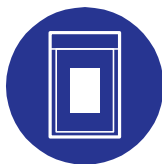


Hi-Flow Valve



Standard-Flow Valve

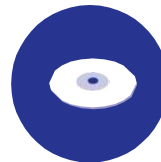
BENEFITS *unique to only MAC Water Technology filters*



POTTED AND SEALED
CONTROL BOARDS



BUILT-IN REMOTE
CONTROL AND
MONITORING



ROTARY CERAMIC
DISC SEAL



LIFETIME
WARRANTY*

Rotary ceramic disc seal is engineered to eliminate spacers, o-rings and other traditional failure points

* Rotary ceramic disc seal has a lifetime warranty

Assembled in Kansas, USA

| Other filter media is available



FOR MORE INFORMATION

EMAIL info@macwatertech.com CALL (913) 375-3483 www.macwatertech.com



OPTION I

HI-FLOW VALVE



MODEL NUMBER	FILTER MEDIA	MEDIA VOLUME	MAX. SERV. FLOW	BACKWASH	VESSEL SIZE (D x H)	INSTALLATION DIMENSIONS (L x W x H)
MAC/F-2HF-36-CAR	Coconut Carbon	28 cu.ft.	42 GPM	70 GPM	36"x72"	38"x38"x107"
MAC/F-2HF-42-CAR	Coconut Carbon	38 cu.ft.	58 GPM	96 GPM	42"x72"	44"x44"x107"
MAC/F-2HF-48-CAR	Coconut Carbon	50 cu.ft.	75 GPM	114 GPM	48"x72"	50"x50"x107"
MAC/F-2HF-30-MMF	MicroZ	15 cu.ft.	98 GPM	60 GPM	30"x72"	32"x32"x107"

CONTROL VALVE PARAMETERS

VALVE		WORKING CONDITIONS	
Valve Model	MACU-Clean II HF	Operational Pressure	29 PSI - 87 PSI
Transformer	100-240VAC / 50-60Hz	Operational Water Temp	41°F - 122°F
Input	24VDC / 1.5A	Inlet Water Turbidity	< 5 NTU

CONTROL VALVE PARAMETERS

CONNECTION DIMENSIONS					HARD WATER BYPASS
INLET	OUTLET	DRAIN	BASE	RISER TUBE	
2" NPT	2" NPT	1.5" NPT	4" - 8UN	63 mm	NO

FLOW RATE (VALVE ONLY)

SERVICE FLOW AT 15 PSI DROP	PEAK SERVICE FLOW AT 25 PSI DROP	PEAK BACKWASH AT 25 PSI DROP
75 GPM	100 GPM	114 GPM

ADDITIONAL SPECIFICATIONS

VALVE MATERIAL	HEIGHT FROM TOP OF TANK	METER ACCURACY	WEIGHT
NORYL® PLASTIC	14"	± 5%	18 LBS. / 8.16 KG

- Coconut Carbon designed for a 5-minute contact time for Chlorine and Chloramine removal
- Micro Z™ maximum flow rate is 20 GPM/ft² with backflow at 12 GPM/ft²

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OPTION 2

STANDARD-FLOW VALVE



MODEL NUMBER	FILTER MEDIA	MEDIA VOLUME	MAX. SERV. FLOW	BACKWASH	VESSEL SIZE (D x H)	INSTALLATION DIMENSIONS (L x W x H)
MAC/F-2-21-CAR	Coconut Carbon	8 cu.ft.	12 GPM	25 GPM	21" x 62"	23" x 23" x 97"
MAC/F-2-24-CAR	Coconut Carbon	12 cu.ft.	19 GPM	31.4 GPM	24" x 71"	26" x 26" x 106"
MAC/F-2-30-CAR	Coconut Carbon	20 cu.ft.	30 GPM	49 GPM	30" x 72"	32" x 32" x 107"
MAC/F-2-16-MMF	Micro Z™	4 cu.ft.	28 GPM	20 GPM	16" X 65"	18" x 18" x 100"
MAC/F-2-21-MMF	Micro Z™	6 cu.ft.	50 GPM	35 GPM	21" x 62"	23" x 23" x 97"
MAC/F-2-24-MMF	Micro Z™	10 cu.ft.	62 GPM	40 GPM	24" x 71"	26" x 26" x 106"

ELECTRICAL / OPERATIONAL SPECIFICATIONS

VALVE		WORKING CONDITIONS	
Valve Model	MACU-Clean II	Operational Pressure	29 PSI - 87 PSI
Transformer	100-240VAC / 50-60Hz	Operational Water Temp	41°F - 122°F
Input	24VDC / 1.5A	Inlet Water Turbidity	< 5 NTU

CONTROL VALVE PARAMETERS

CONNECTION DIMENSIONS					HARD WATER BYPASS
INLET	OUTLET	DRAIN	BASE	RISER TUBE	
2" NPT	2" NPT	1.5" NPT	4" - 8UN	50 MM	NO

FLOW RATE (VALVE ONLY)

SERVICE FLOW AT 15 PSI DROP	PEAK SERVICE FLOW AT 25 PSI DROP	PEAK BACKWASH AT 25 PSI DROP
55 GPM	79 GPM	46 GPM

ADDITIONAL SPECIFICATIONS

VALVE MATERIAL	HEIGHT FROM TOP OF TANK	METER ACCURACY	WEIGHT
NORYL® PLASTIC	10.5" / 267 MM	± 5%	18 LBS. / 8.16 KG

- Coconut Carbon designed for a 5-minute contact time for Chlorine and Chloramine removal
- Micro Z™ maximum flow rate is 20 GPM/ft² with backflow at 12 GPM/ft²

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Scaled to fit your needs

STANDARD TANK OPTIONS

FIBERGLASS REINFORCED PLASTIC (FRP)

Pressure Rating is 150 PSI @ 104F
600 PSI minimum burst pressure

304 STAINLESS STEEL (SS)

Pressure Rating is 100 PSI @ 100F (higher pressure available upon request)

Non-ASME code stamp (Stamp is available upon request)

Milled and glass bead blasted

EPOXY COATED CARBON STEEL

Pressure Rating is 100 PSI @ 100°F (higher pressure is available upon request)

Non-ASME code stamp (Stamp is available upon request)

Milled and glass bead blasted

These tanks are made in the USA.

The price difference between carbon steel and 304SS is within 10%.

Also, 304SS tanks will not rust like carbon steel tanks will for a significantly longer service life.

Therefore, unless you absolutely require a carbon steel tank we will most likely price the 304SS option.



Your Support Helps Bring Potable Water To Developing Countries

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