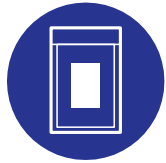




BENEFITS *unique to only MAC Water Technology filters*



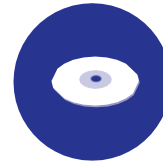
POTTED AND SEALED CONTROL BOARDS



CERAMIC ROTARY VALVE BYPASS



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

MODEL NUMBER	FILTER MEDIA	MEDIA VOLUME (FT ³)	MAX. SERV. FLOW (GPM)	BACKWASH FLOW (GPM)	VESSEL SIZE (D x H)	INSTALLATION DIMENSIONS (L x W x H)
MAC/F-1-12-CAR	Coconut Carbon	1.75	3.1	8.1	12" x 52"	14" x 14" x 64"
MAC/F-1-13-CAR	Coconut Carbon	2.00	4.2	8.1	13" x 54"	15" x 15" x 66"
MAC/F-1-14-CAR	Coconut Carbon	3.75	5.8	13.7	14" x 65"	16" x 16" x 77"
MAC/F-1-16-CAR	Coconut Carbon	5.00	7.5	13.7	16" x 65"	18" x 18" x 77"
MAC/F-1-9-MMF	Micro Z™	1.00	9.0	4.9	9" x 48"	11" x 11" x 60"
MAC/F-1-10-MMF	Micro Z™	1.50	10.0	6.6	10" x 47"	12" x 12" x 59"
MAC/F-1-12-MMF	Micro Z™	2.00	15.0	8.1	12" x 52"	14" x 14" x 64"
MAC/F-1-14-MMF	Micro Z™	3.00	21.0	13.7	14" x 65"	16" x 16" x 77"

Assembled in Kansas, USA

Other filter media is available

FOR MORE INFORMATION

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





Scaled to fit your needs

ELECTRICAL / OPERATIONAL SPECIFICATIONS

VALVE		WORKING CONDITIONS	
Valve Model	MACU-Clean I	Operational Pressure	22 PSI - 87 PSI
Transformer	100-240VAC / 50-60Hz	Operational Water Temp.	41°F - 113°F
Input	12VDC / 2A	Inlet Water Turbidity	< 5 NTU

CONTROL VALVE PARAMETERS

CONNECTION DIMENSIONS						UNTREATED WATER BYPASS	MAXIMUM WATER CAPACITY
INLET	OUTLET	DRAIN	BRINE	BASE	RISER TUBE		
1" NPT	1" NPT	1/2" BARBED	3/8"	2.5" - 8NPSM	32 MM	YES (NO UNTREATED WATER BYPASS IS AVAILABLE)	20.7 GPM (14.5 PSI PRESSURE DROP)

FLOW RATE (VALVE ONLY)

SERVICE FLOW AT 15 PSI DROP	PEAK SERVICE FLOW AT 25 PSI DROP	PEAK BACKWASH AT 25 PSI DROP	CV SERVICE AT 1 PSI DROP
21 GPM	25.5 GPM	7 GPM	5.56 GPM

ADDITIONAL SPECIFICATIONS

VALVE MATERIAL	HEIGHT FROM TOP OF TANK	METER ACCURACY	WEIGHT
NORYL® PLASTIC	7" / 180 MM	± 5%	5.0 LBS. / 2.27 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

FOR MORE INFORMATION

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





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

FOR MORE INFORMATION

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

