

# IMF Media Filtration Systems

IMF-7000  
IMF-10000  
IMF-20000



The Racor Village Marine Tec. Media Filtration Systems offer multi-media performance and are specifically engineered to operate with Village Marine Pure Water (PW) Series Watermakers. The media layers are optimized to remove particulate matter from the feed stream ahead of the cartridge filtration system.

A proprietary mix and measure of media targets particulate matter such as turbidity and suspended solids that will otherwise overload the micron filtration array of an RO system. In addition, the advanced media design reduces iron, manganese and organics in the feed stream.

## Contact Information:

Parker Hannifin Corporation  
**Racor Division/Village Marine Tec.**  
2630 E. El Presidio Street  
Carson, CA 90810

phone 310 516 9911  
fax 310 538 3048  
racor@parker.com  
www.villagemarine.com  
www.parker.com/racor



Village Marine Industrial Media Filter  
*\*Optional boost pump shown*



ENGINEERING YOUR SUCCESS.

# IMF Media Filtration Systems

IMF-7000  
IMF-10000  
IMF-20000

## Standard Features:

- All wetted parts are of non-reactive materials such as schedule 80 polyvinyl chloride, fiberglass reinforced plastic and 316 stainless steel to ensure long life and trouble free operation
- Glycerine filled pressure gauges for accurate indication of media backflush requirement
- Orifice plate assures proper backwash flow
- Backflush sight glass allows operator to diagnose filter performance and efficiency
- Specially engineered media package reduces iron and manganese to reduce damage to membranes and requires no regeneration
- Composite 150 psi rated non-corrosive pressure vessel is impervious to the effects of sea water and other corrosives
- Three-way control valves simplify valve operation for backwash and rinse operations
- Sea strainer prevents larger particles from entering into the system
- Skid packaged on a powder coated base for ease of maintenance and installation
- 1.5" ANSI flange connections for inlet, outlet and backwash drain

## Optional:

- Boost pump and Control Box: 2 high pressure Boost pump provides extra feed pressure to unit. 110/220/440 Volts. 50/60 Hertz available
- Upgrade of piping from polyvinyl chloride sched 80 to fiberglass reinforced plastic

Model	P/N no pump	P/N with pump 440/3/60 Hz	P/N with pump 380/3/50 Hz	Max Flow GPM/LPM	Dimensions inch/cm (LxWxH)	Dry Weight lbs/kg
IMF-7000	90-8255	90-8116	90-8208	20/76	40/101 x 48/122 x 89/221	2,000/909
IMF-10000	90-8205	90-8056	90-8052	30/113	40/101 x 48/122 x 89/221	2,100/954
IMF-20000	90-8543	90-8127	90-8231	40/151	48/122 x 48/122 x 95/241	2,300/1,045

To maintain peak performance always use genuine Parker-Racor/Village Marine Tec. replacement parts. We reserve the right to change our specifications or standards without notice.

