

IMF Media Filtration Systems

IMF-7000, IMF-10000, IMF-20000



The Parker Media Filtration Systems offer multi-media performance and are specifically engineered to operate with 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
Water Purification
2630 E. El Presidio Street
Carson, CA 90810

phone 310 608 5600

fax 310 608 5692

www.parker.com/waterpurification

Sales & Customer Support:

bwf.car.support@support.parker.com

Technical Support:

bwf.car.technical@support.parker.com



Parker Water Purification Industrial Media Filter

*Optional boost pump shown



ENGINEERING YOUR SUCCESS.

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: Boost pump provides extra feed pressure to unit.
- Upgrade of piping from polyvinyl chloride sched 80 to fiberglass reinforced plastic.
- Auto MMF has adjustable Backwash and Rinse timers. Backwash can be initiated manually or by high differential pressure or by an adjustable Backwash Interval timer.

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	2000/909
IMF-10000	90-8205	90-8056	90-8052	30/113	40/101 x 48/122 x 89/221	2100/954
IMF-20000	90-8543	90-8127	90-8231	40/151	48/122 x 48/122 x 95/241	2300/1045

Model Auto IMF	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	0101006	0101007	0101008	20/76	40/101 x 48/122 x 89/221	2000/909
IMF-10000	0101009	0101010	0101011	30/113	40/101 x 48/122 x 89/221	2100/954
IMF-20000	0101012	0101013	0101014	40/151	48/122 x 48/122 x 95/241	2300/1045

Media Required

Description	PN	Description	QTY
IMF-7000	85-5006	Media #0, Fine Gravel, 3.5 Gal Pail, 46 lbs	2
	85-5007	Media #1, Filter Sand, 3.5 Gal Pail, 42 lbs	5
	85-5008	Media #2, Birm, 5 Gal Pail, 25 lbs	5
	85-5009	Media #3, Antracite, 5 Gal Pail, 36 lbs	4
IMF-10000	85-5006	Media #0, Fine Gravel, 3.5 Gal Pail, 46 lbs	3
	85-5007	Media #1, Filter Sand, 3.5 Gal Pail, 42 lbs	7
	85-5008	Media #2, Birm, 5 Gal Pail, 25 lbs	6
	85-5009	Media #3, Antracite, 5 Gal Pail, 36 lbs	5
IMF-20000	85-5006	Media #0, Fine Gravel, 3.5 Gal Pail, 46 lbs	5
	85-5007	Media #1, Filter Sand, 3.5 Gal Pail, 42 lbs	12
	85-5008	Media #2, Birm, 5 Gal Pail, 25 lbs	10
	85-5009	Media #3, Antracite, 5 Gal Pail, 36 lbs	7

Note: Media sold separately to maintain peak performance, always use genuine Parker Village Marine replacement parts. We reserve the right to change our specifications or standards without notice.

WARNING: This product can expose you to chemicals including Di(2-ethylhexyl) phthalate (DEHP), which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

