

Precoat Media Filter – FRP

Product Summary

The Aquify precoat filters, also known as regenerative media filters, utilize the latest in aquatics technology to reduce the consumption of water while providing superior quality and clarity. The filter has a notable reduction of energy and chemical costs, minimal footprint, and environmentally friendly filtering media. These features make it a sustainable solution for any mechanical room. The fiberglass line of filters has been designed specifically for harsh aquatics environments where steel products are inadequate or undesired in this application. The filter is constructed for long-lasting performance and durability. The filter is NSF 50 listed to stringent safety, performance, and water quality requirements.

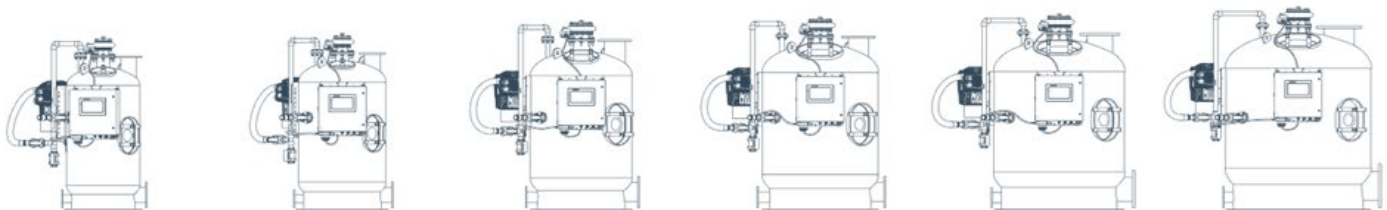
The Aquify precoat media filter system includes a filter controller, smart strainer controller, media loading system, a check valve, two pneumatic valves and a sight glass. Additional accessories such as reducers, strainers, pre-coat tees, as well as Herborner F-N or X-N Pumps, Aquify VFD's and Aquify UV's can be supplied on request.

Key Features

- Six diameter sizes: 30in, 36in, 42in, 48in, 54in & 60in
- Site adjustable filter square footage
- Space saving flangeless lid design, with three large access ports
- Fully automated smart filter controller
- Built to last: 50 psi operating pressure with 4x1 safety factor

Design Considerations

- Flanged connections are flat faced PS-15-69 with ADM B16.5 Class 125/150 bolt pattern
- Pneumatic tubing supplied by pool contractor unless otherwise specified
- Butterfly valve from filter to drain connection supplied by pool contractor
- Controller requires 120 VAC single-phase power with 15 AMP circuit protection
- Filter requires 125 psi [862 kPa] regulated air supply
- Housekeeping pad may be required to meet site-specific drain plumbing requirements



SPEC SHEETS HYPERLINK

[PMF-30-100-FRP – View Spec Sheet](#)

[PMF-30-200-FRP – View Spec Sheet](#)

[PMF-30-300-FRP – View Spec Sheet](#)

[PMF-36-400-FRP – View Spec Sheet](#)

[PMF-36-500-FRP – View Spec Sheet](#)

[PMF-42-600-FRP – View Spec Sheet](#)

[PMF-42-700-FRP – View Spec Sheet](#)

[PMF-48-800-FRP – View Spec Sheet](#)

[PMF-48-900-FRP – View Spec Sheet](#)

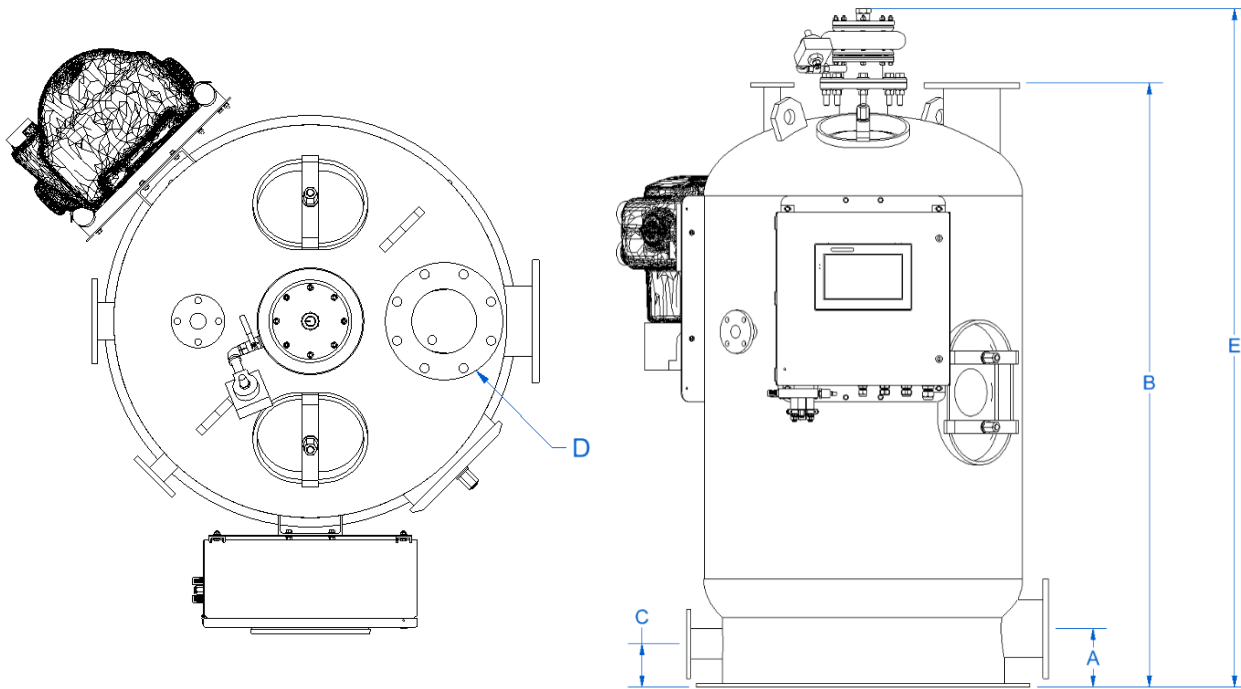
[PMF-54-1000-FRP – View Spec Sheet](#)

[PMF-54-1200-FRP – View Spec Sheet](#)

[PMF-60-1400-FRP – View Spec Sheet](#)

[PMF-60-1600-FRP – View Spec Sheet](#)

click link above to view the
specification sheet



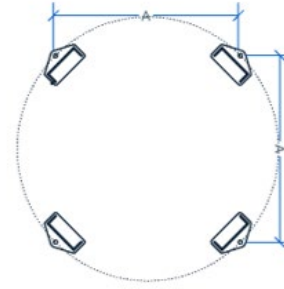
Specifications

FLANGE CONNECTIONS AND FILTER DIMENSIONS								
Model	Influent [A]		Effluent [B]		Drain [C]		Width [D]	Height [E]
	Pipe	Center Line	Pipe	Flange Connection	Pipe	Center Line		
PMF-30-100-FRP								
PMF-30-200-FRP	6	6 ¾	6	68 ¾	3	5	35 ¾	76 ¾
PMF-30-300-FRP								
PMF-36-400-FRP	6	6 ¾	6	69 11/16	3	5	41 ¾	78 ¼
PMF-36-500-FRP								
PMF-42-600-FRP	8	8	8	75 ½	4	5 ¾	47 ¾	83 ½
PMF-42-700-FRP								
PMF-48-800-FRP	8	8	8	77	4	5 ¾	53 ¾	85
PMF-48-900-FRP								
PMF-54-1000-FRP	10	9 ¼	10	78 7/16	4	5 ½	60 ⅞	87
PMF-54-1200-FRP								
PMF-60-1400-FRP	12	10 ¾	12	81 9/16	4	5 ¾	66 ¼	90 ⅞
PMF-60-1600-FRP								

All connections, diameter, width, and height measured in inches. Connection sizes are subject to change based on GPM requirements. Bushings, pipe connections, and reducers may be supplied to accommodate the required pipe diameters or to mate with existing pipe sizes on site. Refer to filter spec sheets for additional dimensions, and Revit models for accurate pipe placement information.

Foundation Dimensions

MODEL	A [in]
PMF-30	32 1/2
PMF-36	38 1/2
PMF-42	42 1/2
PMF-48	48 1/2
PMF-54	54 1/2
PMF-60	60 1/2



Flowrate and Operating Specifications

FLOWRATE CHART							
Model	Filter Area [sf]	Flow Rate [gpm]		Perlite Media	Filter Volume	Operating Weight	Dry Weight
		Min	Max	[lbs]	[gals]	[lbs]	[lbs]
PMF-30-100-FRP	100	50	150	8	150	1,798	420
PMF-30-200-FRP	200	100	300	16	150	1,844	465
PMF-30-300-FRP	300	150	450	24	150	1,884	510
PMF-36-400-FRP	400	200	600	32	248	2,668	600
PMF-36-500-FRP	500	250	750	40	248	2,708	640
PMF-42-600-FRP	600	300	900	48	355	3,751	785
PMF-42-700-FRP	700	350	1050	56	355	3,831	865
PMF-48-800-FRP	800	400	1200	64	480	5,024	1,020
PMF-48-900-FRP	900	450	1350	72	480	5,104	1,100
PMF-54-1000-FRP	1000	500	1500	80	620	5,877	1,290
PMF-54-1200-FRP	1200	600	1800	96	620	6,461	1,450
PMF-60-1400-FRP	1400	700	2100	112	787	8,284	1,715
PMF-60-1600-FRP	1600	800	2400	128	787	8,444	1,875