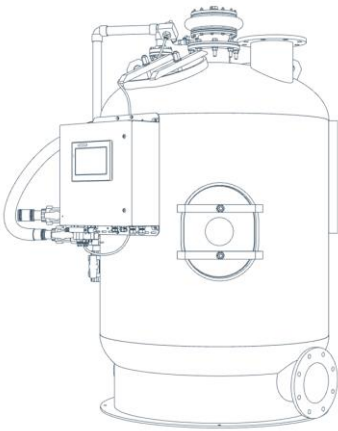


Product Summary

The Aquify regenerative media filter utilizes 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 Aquify precoat media filter system can be purchased as part of a turnkey system. The system includes the media filter, pneumatic valves, precoat sight glass, controller, and media loading system. Optionally, purchase a Herborner F-N or X-N pump, Aquify VFD, Aquify SMART strainer, precoat tee and reducers and for trouble-free installation and to unlock additional automation and monitoring features.



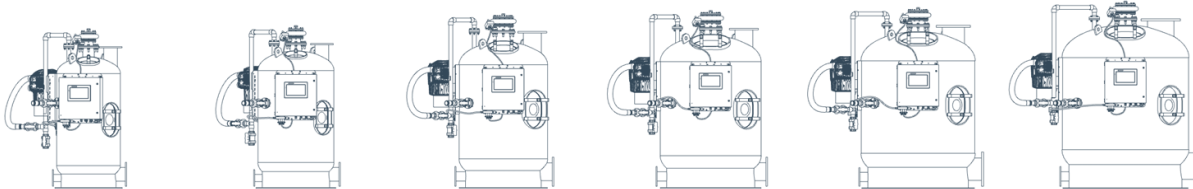
Key Features

- NSF/ANSI-50 Listed FRP Filter
- Space saving flangeless lid design.
- In-field adjustable filter square footage.
- Three large service access ports.
- Fully automated smart filter controller.

Design Considerations

- All flanged connections are flat faced PS-15-69 with ASME B16.5 Class 125/150 bolting.
- All pneumatic tubing supplied by pool contractor unless specified otherwise.
- Contractor to provide and install 4 NPS [DN100] butterfly valve to tank drain connection.
- Supply 120 VAC single-phase power to controller with 15 AMP circuit protection.
- Provide 125 PSI [862 kPa] regulated air supply to filter.
- Housekeeping pad may be required to meet site-specific drain plumbing requirements.
- All PVC fittings are Schedule 80 ASTM D2467. All PVC pipe is Schedule 80 ASTM D1785.
- All hardware per ANSI B1.1 UNC.

Filter Specifications



Tank Diameter	SKU	Connection Size	Filtration Area	Filtration Rate	Perlite Media Required	Dry Weight	Operating Weight
30 IN [762 mm]	PMF-30-100-FRP	6 NPS 3 NPS Drain 1 ½ NPS Vent	100 FT²	50 – 150 GPM	8 LB	420 LB	1798 LB
			9.29 M²	11.4 - 34.1 M³/hr	3.6 Kg	190.5 Kg	815.6 Kg
	PMF-30-200-FRP	DN150 DN80 Drain DN40 Vent	200 FT²	100 – 300 GPM	16 LB	465 LB	1844 LB
			18.58 M²	22.7 - 68.1 M³/hr	7.3 Kg	210.9 Kg	836.4 Kg
	PMF-30-300-FRP	DN150 DN80 Drain DN40 Vent	300 FT²	150 - 450 GPM	24 LB	510 LB	1884 LB
			27.87 M²	34.1 - 102.2 M³/hr	10.9 Kg	231.3 Kg	854.6 Kg
36 IN [914 mm]	PMF-36-400-FRP	6 NPS 3 NPS Drain 1 ½ NPS Vent	400 FT²	200 - 600 GPM	32 LB	600 LB	2668 LB
			37.16 M²	45.4 - 136.3 M³/hr	14.5 Kg	272.2 Kg	1210.2 Kg
	PMF-36-500-FRP	DN150 DN80 Drain DN40 Vent	500 FT²	250 - 750 GPM	40 LB	640 LB	2708 LB
			46.45 M²	56.8 - 170.3 M³/hr	18.1 Kg	290.3 Kg	1228.3 Kg
42 IN [1067 mm]	PMF-42-600-FRP	8 NPS 4 NPS Drain 1 ½ NPS Vent	600 FT²	300 - 900 GPM	48 LB	785 LB	3751 LB
			55.74 M²	68.1 - 204.4 M³/hr	21.8 Kg	356.1 Kg	1701.4 Kg
	PMF-42-700-FRP	DN200 DN100 Drain DN40 Vent	700 FT²	350 - 1050 GPM	56 LB	865 LB	3831 LB
			65.03 M²	79.5 - 238.5 M³/hr	25.4 Kg	392.4 Kg	1737.7 Kg
48 IN [1219 mm]	PMF-48-800-FRP	8 NPS 4 NPS Drain 1 ½ NPS Vent	800 FT²	400 - 1200 GPM	64 LB	1020 LB	5024 LB
			74.32 M²	90.8 - 272.5 M³/hr	29 Kg	462.7 Kg	2278.8 Kg
	PMF-48-900-FRP	DN200 DN100 Drain DN40 Vent	900 FT²	450 - 1350 GPM	72 LB	1100 LB	5104 LB
			83.61 M²	102.2 - 306.6 M³/hr	32.7 Kg	499 Kg	2315.1 Kg
54 IN [1372 mm]	PMF-54-1000-FRP	10 NPS 4 NPS Drain 1 ½ NPS Vent	1000 FT²	500 - 1500 GPM	80 LB	1290 LB	6461 LB
			92.90 M²	113.6 - 340.7 M³/hr	36.3 Kg	585.1 Kg	2930.7 Kg
	PMF-54-1200-FRP	DN250 DN100 Drain DN40 Vent	1200 FT²	600 - 1800 GPM	96 LB	1450 LB	6621 LB
			111.48 M²	136.3 - 408.8 M³/hr	43.5 Kg	657.7 Kg	3003.2 Kg
60 IN [1524 mm]	PMF-60-1400-FRP	12 NPS 4 NPS Drain 1 ½ NPS Vent	1400 FT²	700 - 2100 GPM	112 LB	1715 LB	8284 LB
			130.06 M²	159 - 477 M³/hr	50.8 Kg	777.9 Kg	3757.6 Kg
	PMF-60-1600-FRP	DN300 DN100 Drain DN40 Vent	1600 FT²	800 - 2400 GPM	128 LB	1875 LB	8444 LB
			148.64 M²	181.7 - 545.1 M³/hr	58.1 Kg	850.5 Kg	3830.1 Kg