

Aqualogic[®] Inc.

Filtration Systems

Aqualogic Microfiltration System

Aqualogic's microfiltration systems extend the life of cleaning baths in the machining, plating and surface finishing industries. Microfiltration compliments Aqualogic's ion-exchange and evaporation waste reduction systems that can be used to achieve "zero-discharge".

Our microfiltration line offers the features of other Aqualogic products: corrosion resistant construction of polypropylene, fiberglass, and stainless steel, user friendly electrical controls, and ease of maintenance.

The system consists of three stacked modules. The lower module concentrates the rejected waste. In the middle module the oil separator/coalescer separates the solids and floating oils from your cleaning solution prior to microfiltration. The cleaning module is on the top. This unique configuration offers a complete process to remove floating oil and other contaminants from your cleaning baths, as well as the capability to clean itself. The unit requires only a 36" x 36" square footprint.

Our standard membrane is of graphite construction capable of operation in high or low pH solutions at elevated temperatures. The membrane is typically cleaned using purified cleaner, however the unit is capable of acid cleaning for extreme fouling, affording a service life of more than five years.



Specifications

Model	Membrane	Bath size treated	HP	WT(dry)
MFG100	1.6SQ.FT	75-300 GAL	1.5	500 LBS
MFG200	3.2SQ.FT	50-600 GAL	1.5	550 LBS
MFG325	5.4SQ.FT	250-3600GAL	5.0	600 LBS
MFG650	10.8SQ.FT	500-7200GAL	5.0	650 LBS