



Evolution Series Filtration Systems

For Precision Machining Applications

Evolution 60/40-24K

The Ebbco Evolution Series Filtration Systems are designed for Precision Machining Application to Keep Particulate From Building Up In The Machine Tool. Through a series of cartridge filters the Evolution Series Filtration Units will Increase Oil or Coolant Life, Provide a Better Part Finish And Reduce Part Rejection.



Evolution 60/40 System Scope :

Fluid Enters the Filtration Systems tanks dirty side through a Series of Four(4) Prefilter Bags. A Heavy-Duty Vertical Seal-less Pump provides optimum flow and pressure to a single filter vessel containing three (3) micron rated Cartridge Filters. Clean Fluid from the filter vessel is sent through a Heat Exchanger Prefilter to the Cabinet Style Chiller where it chiller to set point and enters into the clean side of the Systems tank. Optional Feed Pumps then deliver the Clean, Chilled Fluid back to the machine tool at the flow and pressure required by the machine tool.

Standard Features:

- ◆ Clean/Dirty Self Cleaning Carbon Steel Tank
- ◆ Four Prefilter Bags with Cartridge Drip Tray
- ◆ Filter Vessel Containing Three Micron Rated Filter Cartridges
- ◆ 24,000 BTU Cabinet Mount Chiller
- ◆ Optional Machine Feed Pump
- ◆ Filter Service Beacon



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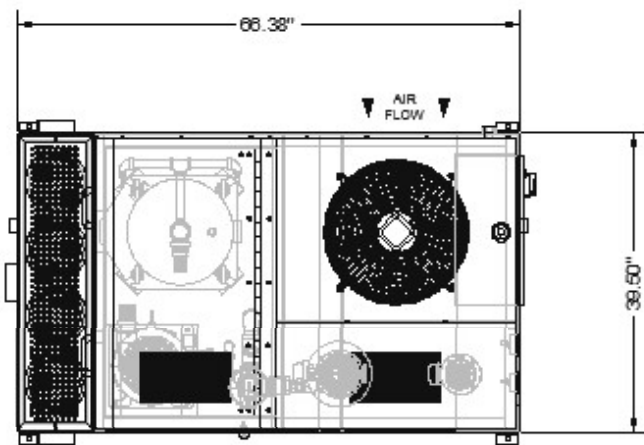
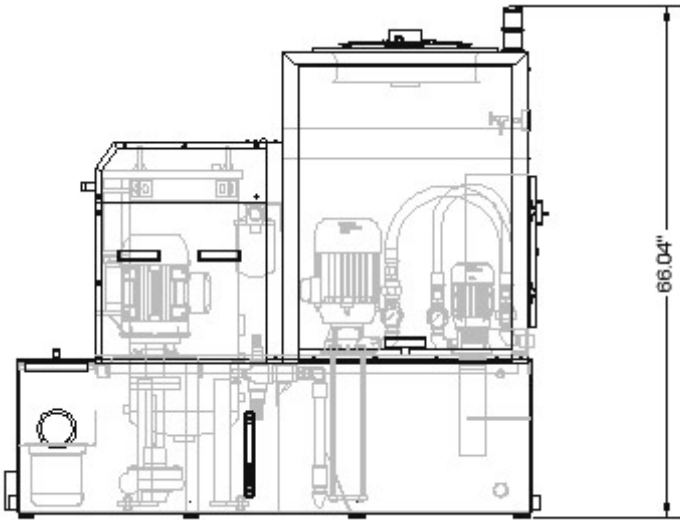
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Evolution 60/40-24K

System Specifications

Model Number: Evolution 60/40-24K
Max Machine Feed Rate: 35 GPM
Machine Capabilities: Single Machine
System Dimensions: 39" x 66" x 66"



Tank

Gallon Capacity 200 Gallons

Filter Vessel

Model PMF-MWF3-623

Cartridge Quantity 3 (Three)

Filter Pump

Heavy-Duty Vertical Sealless

Chiller

Model PMF-24000-EC-3

BTU Rating 24,000 BTU/HR

Optional: Temperature Tolerance +/- 2 °F

Machine Feed Pump (Optional)

Max 35 gpm

Voltage

Standard 230 or 460 vac /3Ph/60Hz
 (optional voltages are available Contact for More details)

System Options Available

- Feed Pump(s) up to 35 gpm
- Drag Conveyor Prefilter
- Mag Separator Prefilter for High Speed Steel Applications
- Heat Exchanger Package