



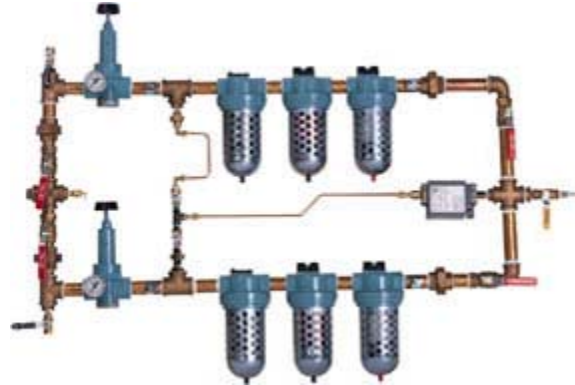
## MFP SERIES - MEDICAL FILTER PACKAGE

### DESCRIPTION

The Powerex Medical Filter Package is designed for use for Medical Air and other Clean Dry Air applications. This filter system meets NFPA 99 requirements by having two stages of filtration to remove oil and water aerosols, solid particles down to .5 micron @ 99.99% efficiency and unwanted odor. The filter system is duplexed to provide uninterrupted service and is sized to perform with 100% peak calculated demand through either filter bank. Each coalescing filter is equipped with a differential pressure indicator and automatic condensate drains. The final odor removal filters are equipped with a manual drain. *An optional differential pressure switch is available to send a remote signal indicating a change of the filter elements.*

### GENERAL INFORMATION

The Powerex Medical Filter Package has two identical series or “banks” of filters. The intake air is directed into each bank by a quarter turn valve. The primary filter removes particles and



Note: Model shown is designed for oil-free application (three filters: 1 micron, .01 micron and activated carbon filters)

oil/water aerosols down to .5 micron @ 99.99% efficiency. The final filter is designed to remove all oil vapor (odor) from the compressed air system. Each final line regulator will be factory set at 55 psig. *Optional third filter can be applied for “oil-free” applications.*

Models	SCFM	PSID	Voltage	Conn.	Weight
MFP-040-342	40	12 PSID	120/240	1/2" NPTF"	46 lbs.
MFP-050-343	50	12 PSID	120/240	1/2" NPTF"	46 lbs.
MFP-060-362	60	12 PSID	120/240	3/4" NPTF"	58 lbs.
MFP-070-362	70	12 PSID	120/240	3/4" NPTF"	72 lbs.
MFP-110-382	110	12 PSID	120/240	1" NPTF"	78 lbs.
MFP-220-3A2	220	12 PSID	120/240	1-1/4" NPTF"	95 lbs.

### Technical Data

Maximum Air Inlet Pressure.....	150 psig
Maximum Air Inlet Temperature.....	125° F
Maximum Air Pressure after Regulator.....	75 psig
Maximum Electrical Rating*.....	120 Volts/6 Amps 240 Volts/3 Amps
Primary Filter:	.5 micron @ 99.99% Efficiency
Secondary Filter:	Activated Carbon

\*Note: Applies only with optional differential pressure switch