

The Most Versatile System for the Machine

MP Systems' high pressure coolant systems are low maintenance and longer lasting, thanks to a diaphragm-style pump that keeps all sliding parts from contact with coolant, chips and other abrasives. Ideal for deep hole drilling, pocket milling and turning operations on all materials, the R Series is designed to operate in environments where machine uptime is critical.

Key Features

- 8 GPM (RF8, RFC8), 16 GPM (RF16), or twin 8 GPM (RTF), up to 1000 PSI
- Manually Adjustable Pressures
- 50 Gallon Reservoir (RF8)
- 70 Gallon Reservoir (RFC8, R16, RTF)
- Built-in Feed/Supply Pump
- 208/230V Standard
- 408V Special Order
- Use with water-based coolant or suitable oils
- 2 Ports
- PLC Messages Displayed
- 2 year parts warranty

Filtration

- 5 Micron Filtration
- Dual Filters
- Quick Change Filters
- Large Capacity Filters
- Dirty Filter Alarm

Models

RF8	RF16
RFC8	RTF



Demand Quality. Insist on MP

Specs	RF8, RFC8	RF16, RFC16	RTF, RTC
Fluid Type	Oil or Water	Oil or Water	Oil or Water
Max. Pressure	1000 PSI	1000 PSI	1000 PSI
Max. Flow Rate	8 GPM	16 GPM	8 GPM per Outlet (2)
Pressure Type	Manually Adjustable	Manually Adjustable	Manually Adjustable
Ports	2	2	2
Filtration	Dual Filters, 5 Micron	Dual Filters, 5 Micron	Dual Filters, 5 Micron
Main Motor HP	7.5 (10 kw)	Twin 7.5 (10 kw)	Twin 7.5 (10 kw)
3 Phase Voltage	208/230V*	208/230V*	208/230V*
Control Voltage	24V	24V	24V
Feed/Supply Pump	Standard	Standard	Standard

*480V Special Order

Options	Description
Mist Collection	MP 1200
Post HEPA Filter	Post HEPA Filter
Dual Pressure Option	High/Low RF8, RFC8, RF16
Auto Cross Over Filtration	Automatically switches filters when dirty
Installation	Basic install to machine tool
Additional Port	Third port
Mounted Chiller	Call MP Systems
Abrasive Duty Upgrade	

Notes

1. Recommended for pumping cutting fluids up to 140 SUS @ 100° F
2. Confirm spare M codes (1 set per port)
3. Specifications are subject to change without notice

Footprint

L x W x H

Weight (lbs.)

RF8	36" x 28" x 42"	800
RFC8	42" x 38" x 42"	1000
RF16	42" x 38" x 42"	1250
RTF	42" x 38" x 42"	1250