

Maximum Performance for a Variety of Tooling Sizes and Multifunction Machines

VR Series High Pressure Coolant Systems automatically adjust the speed of the pump motor to deliver the appropriate volume of coolant required for each specific cutting application (ex.: less volume for smaller tools and more volume for larger tools), thereby saving energy, reducing heat, and providing better thermal stability.

Standard Features

- Variable volume up to 8 GPM (VR8, VRC8), 16 GPM (VR16), Twin 8 GPM (VRT), or 20 GPM (VR20)
- (2) 7x32" 5 micron quick change filter bags
- 50 Gallon Reservoir (VR8)
- 70 Gallon Reservoir (VRC8, VRT, VR16, VR20)
- Built-in Feed/Supply Pump
- 208/230V Standard
- 480V Special Order
- Use with water-based coolant or suitable oils
- 2 Ports
- PLC Message Display
- 2-Year parts warranty

Filtration

- 5 Micron
- Dual
- Quick Change
- Dirty Filter Alarm

Demand Quality. Insist on MP Systems.

Models

VR8	VR16
VRC8	VR20
VRT	



- VR8** Recommended for single spindle, single turret machines
- VRC8** VR8 configured for a mounted chiller
- VRT** Recommended for a twin turret or twin spindle machines
- VR16** Recommended for large capacity machines & tooling
- VRV20** Recommended for large capacity machines & tooling

Specs	VR8, VRC8	VRT	VR16	VR20
Fluid Type	Oil or Water	Oil or Water	Oil or Water	Oil or Water
Max. Pressure	1000 PSI	1000 PSI	1000 PSI	1000 PSI
Max. Flow Rate	8 GPM	16 GPM	8 GPM per Outlet (2)	20 GPM
Pressure Type	Manually Adjustable	Manually Adjustable	Manually Adjustable	Manually Adjustable
Ports	2	2	2	2
Filtration	Dual Filters, 5 Micron	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)	Twin 7.5 (10 kw)
3 Phase Voltage	208/230V*	208/230V*	208/230V*	208/230V*
Control Voltage	24V	24V	24V	24V
Feed/Supply Pump	Standard	Standard	Standard	Standard

*480V Special Order

Options	Description
Mist Collection	MP 1200
Post HEPA Filter	Post HEPA Filter
Dual Pressure Option	High/Low VR8, VRC8, VR16
Auto Cross Over Filtration	Automatically switches filters when dirty
Installation	Basic install to machine tool by MP Systems
Additional Port	1 (VR8, VRC8), 2 (VRT, VR16, VR20)
Mounted Chiller	Call MP Systems
Abrasive Duty Upgrade	Call MP Systems

Notes

1. Recommended for pumping cutting fluids up to 140 SSU @ 100° F
2. Confirm spare M codes: 1 set per port, 1 set per pressure
3. PLC pre-programmed with 4 pressure settings: 250, 500, 750 & 1000 PSI. When using multiple pressure settings each setting requires an on/off signal.
4. Specifications are subject to change without notice

Footprint

	L x W x H	Weight (lbs.)
VR8	36" x 28" x 42"	850
VRC8	42" x 38" x 42"	1000
VRT	42" x 38" x 42"	1250
VR16, VR20	42" x 38" x 42"	1250