

RA11 Series

Adaptive Flow System

Powerful. Versatile. Efficient.

The RA series stands out as MP Systems' most versatile high pressure coolant system. It provides the power needed to clear chips in any application along with an intelligent "Adaptive Flow System" that maximizes efficiency and minimizes unnecessary heat input. All of these benefits come in the compact, leak free, long lasting design you would expect from MP Systems.

Key Features

- 0 to 11 GPM.
- Ideal for a wide range of cutting tool sizes.
- 3-11 GPM **Adaptive Flow System** reduces excess heat input to part
- Single M code Operation simplifies ladders
- Adjustable Pressure up to 1000 PSI (multiple pressures optional)
- Diaphragm Pump (no pressure drop over time)
- Uses Water/Oil based coolants (up to 100 SUS)
- 50 Gallon Reservoir
- Built-in Feed Pump
- Clear Display PLC with:
 - Alarm Description/Alarm History
 - Programmable Tank Skim Feature
- 2 Ports Standard, (3-8 optional)
- 208/230V or 480V
- Portable with Rolling Castors

Filtration

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



34 Bradley Park Road, East Granby, CT 06026 | www.mp-systems.net

For service calls: 1-877-689-1860 or email: service@mp-systems.net

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Fluid Type	Oil or Water (100 SUS rated)
Max. Pressure	1000 PSI (70 Bar)
Max. Flow Rate	11 GPM
No. of Ports	2 Std. (3-8 Ports Optional)
Filtration	2 Large Quick Change Filter Bags
Main Motor HP Range	2-9.5
Voltage 3 Phase	208/230V or 480V
Control Voltage	24V, 110V Optional
FLA 230/480	35A/17A
Dirty Filter Alarm	Standard
Feed Pump	Standard
Weight (lbs.)	850
Footprint (L x W x H)	36" x 28" x 44"

Options	Description
Programmable Pressure	Enables pressure control from M codes. No manual adjusting required. Multiple pressure optional. Additional M codes required.
Installation	Basic install to machine tool.

Notes

1. 2-Year Warranty standard
2. Confirm machine is 1000 PSI HPC rated, and spare M codes available (1 set per port)
3. Specifications are subject to change without prior notice



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