

RC Series

Mounted Coolant Chiller

Efficient, Low Maintenance Chiller for R Series

The MP Systems RC Series Mounted Coolant Chiller is built specifically for the harsh environments of the CNC machining industry. It's intended for any machining application where increasing coolant and machine tank temperatures may cause difficulty holding tight tolerances. The RC Series is mounted on our durable and reliable high pressure coolant system. All of these benefits come in the compact, leak free, long lasting design that you expect from MP Systems.

Key Features

- RC36 - 36,000 BTU Mounted Chiller
- 208V/230V and 460V/480V
- Mounts to R Series High Pressure Coolant Systems
- Open Loop Chiller
- +/- 1° at 70-90° F Ambient
- Ambient and Set Point Live Temperature Monitoring
- Includes Supply Pump and Filtration System
- Standard Filtration Prevents Heat Exchanger Clogging
- Adjustable Auto Shut Off Feature
- PLC Messages Displayed
- No Need to Replace Compressor or Add Refrigerant
- Installation Kit Included
- 2-Year Parts Warranty

Filtration

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



Specs	RC36
Fluid Type	Water or Oil (90-140 SUS @ 100° F Rated)
Chiller Type	Open Loop
Filtration	2 Large Quick Change Filter Bags from R Series HP System
Main Motor HP Range	2.75 HP
Voltage 3 Phase	480v
Control Voltage	24v
FLA	9 Amps
Dirty Filter Alarm	Standard from R Series HP System
Circulation Pump	Standard from R Series HP System
Shipping Weight (lbs)	300
Footprint	38.5"x25.5"x20" (LxWxH)

Notes

1. 2 Year Warranty Standard
2. Requires 24v "run" signal whenever machine is out of E stop or not in hard alarm
3. Dimensions 43"L x 38" W x 66"H (mounted on 70 gallon reservoir)
4. 1,000 lbs with R8
5. 1,300 lbs with RT (water soluble coolants only)
6. Specifications are subject to change without prior notice



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