

High Pressure Coolant System for Swiss Lathes

MP Systems' high pressure coolant systems are low maintenance and long-lasting. They are synonymous with Swiss Lathes as MP Systems was founded on manufacturing the best Swiss pumps in the market and has been dedicated to doing so since its inception. This general purpose high pressure coolant system can be used on a variety of machines and features a compact design compared to other high pressure pumps.

Key Features

- 5 GPM (V2-O), 8 GPM (V2-W)
- 2000 PSI (V2-O), 1000 PSI (V2-W)
- Built-in Feed/Supply Pump
- 208/230V Standard (480 Volt Available)
- Use with water-based coolant or suitable oils (V2-O with oil-based coolant only)
- 8-Port Remote Valve Block
- 2 year parts warranty

Filtration

- 5 Micron Filter Bag
- Quick Change Cannister
- Large Capacity (5 Gallons)

Models

- V2-O8 (oil) V2-W (oil and water)
- V2-W8 (oil and water)



Demand Quality. Insist on MP Systems.

V2 Series - Technical Specs



Specs	V2-SO	V2-SW
Fluid Type	Oil	Oil or Water
Max. Pressure	2000 PSI	1000 PSI
Max. Flow Rate	5 GPM	8 GPM
Pressure Type	Manually Adjustable	Manually Adjustable
Ports	8 (Remote Block)	2 or 8 (Remote Block)
Filtration	5 Micron Single Filter	5 Micron Single Filter
Main Motor HP	7.5 (10 kw)	7.5 (10 kw)
3 Phase Voltage (25 FLA)	208/230V (480v opt.)	208/230V (480v opt.)
Control Voltage	24V	24V
Feed/Supply Pump	Standard	Standard

Options	Description
Heat Exchanger	Typically removes up to 6HP (16,000 BTU) with 50 deg. F *E.T.D.
Heat Exchanger Option	V2-HO, V2-HW
Max. Pressure	3000 PSI, 3 GPM (V2-O)
Max. Flow Rate	10 GPM, 1000 PSI (V2-O)
3 Phase Voltage (12 FLA)	480 V
3 Phase Voltage (25 FLA)	208/230V
12 Port Remote Block	V2-SO, V2-SW (if ordering heat exchanger option replace S with H)
Abrasive Duty	V2-AD

*Entering Temp. Differential

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

Footprint

L x W x H

Weight (lbs.)

V2-O, V2-W

46" x 23" x 35"

750 lbs