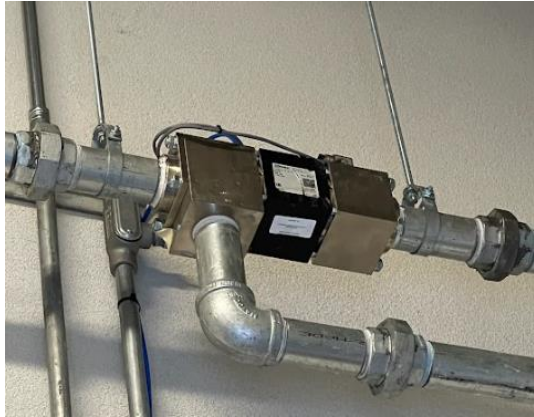


Rinse Diverter Valve

341255-ASM – Valve, 2", 3-Way, Co-ax Assembly



Hydro-Chem, Inc.
6605 Broadmoor Ave SE
Caledonia, MI 49316

Office: (616) 531-6420
e-mail: service@hcs-clean.com

Control Voltage	24VAC
Air Input	1 CFM @ 80-110 PSI
Approx. Dimensions	3.937"W x 6.2"H x 12.1"D

General Info

The purpose of this manual is to provide the necessary information to install and operate the Hydro-Chem equipment to exceed your defined expectation.

The Rinse Diverter Valve will come assembled and ready to plumb air lines and wire to. Plumbing details can be found in the project MEP and contractor wiring specs may be found within the document holder of the MCP.

System Overview

Figure 1 outlines the overall layout of Rinse Diverter Valve.

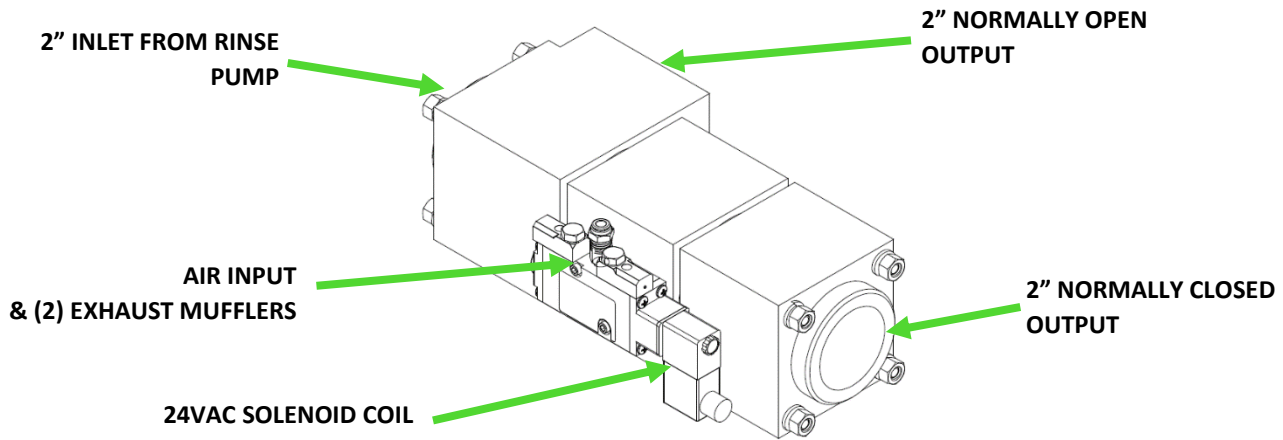


Figure 1. Rinse Diverter Valve Layout

Installation & Set-Up

This assembly is to be installed in-line from the Rinse Water Pump to the associated rinse equipment in the wash bay. Ideally this is mounted within the equipment room or out of the wet environment to protect the air exhaust mufflers. The wiring instructions are found within the Electrical Packet for the system. Air line should be run from the associated Air Control Panel to the input port on the valve.

Maintenance

Moisture may result in clogging of the air mufflers. This can result in valve not switching over as intended. These may be replaced as needed.

Troubleshooting

Issue	Potential Solution
Valve Is Not Switching	Is the ACP providing 80-110 PSI (check the regulator)?
	Can the valve be activated from the Touch Panel?
	If not - Is the solenoid coil receiving a signal from the PLC and 24VAC? The solenoid will light up orange when energized.
	If not receiving a signal - Check that the PLC output is activating and that you have a signal and voltage at the corresponding terminals in the MCP
	Remove the air mufflers - if this resolves the issue then these are clogged and need replacing. If not, the solenoid will need to be replaced.