

Solenoid Valve

Electric Solenoid Valve, Multi Purpose

General

The Solenoid Valve is electrically-operated and is used to open or close lubrication lines for zone systems, alternating system pumps and other applications where a user needs automatic operation.

A subplate with mounting bolts is included. Configuration can be customized by the customer. Options include vent valve for injector systems, zone valve normally open or normally closed.

Features

- + High Tank Port Pressure (up to 3,000 psi).
- + Electrical box with indicator lights and terminal strip connection standard.
- + Indicator lamps to diagnose connection; plug-in coils provide easy changing without disturbing wiring.
- + Plug in coils are easily changed without disturbing the wiring.

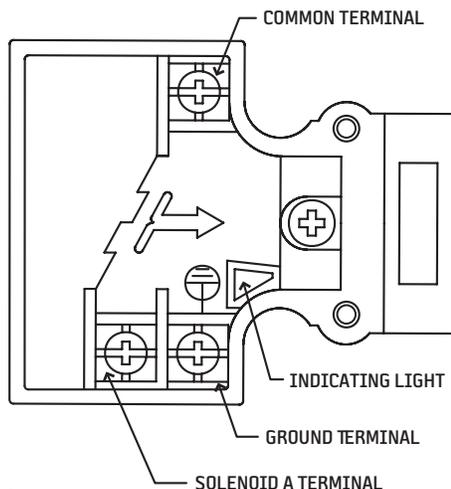
Technical Data

	37186	37186-1	37186-2
Applied Voltage	120 VAC	240 VAC	24 VDC
Frequency	60 Hz	60 Hz	---
Holding Current	0.49 amp	0.24 amp	1.5 amp
Holding Power	34 W	33 W	36 W
Voltage Range	80-130 V	180-250 V	21.6-26.4 V
Max. Operating Pressure	5000 psi (345 bar)		
Operating Temperature	41°F to 140°F (5°C to 60°C)		
Lubricants	Oil, Grease up to NLGI #2		
Maximum Flow	Up to 12 gpm		
Ports(Inlet/Outlet/Relief)	1/2"NPTF		
Weight	7.9 lb (3.6 kg)		



- + AC coils are rated for both 50/60 Hz (Rewiring not required).
- + Do NOT supply electrical power to the AC coils unless the coil is mounted on valve.
- + Do NOT exceed voltage specifications listed here.
- + Electrical power should be maintained on detented valves. Detent only maintains start-up position of valve.
- + PLC or remote operation is required.

Wiring



How To Order

Name	Description	Part #	
Solenoid Valve	Complete assembly	115 VAC single coil, zoning valve and subplate	37186*
		230 VAC single coil, zoning valve and subplate	37186-1*
		24 VDC single coil, zoning valve and subplate	37186-2*
	No subplate	115 VAC single coil and zoning valve	39904RC
		230 VAC single coil and zoning valve	55073RC
		24 VDC single coil and zoning valve	55072

* Subplate shipped mounted to valve

When ordering, specify by name, description and part number, e.g. Solenoid Valve, Complete Assembly, 115 VAC Single Coil, Part #37186.

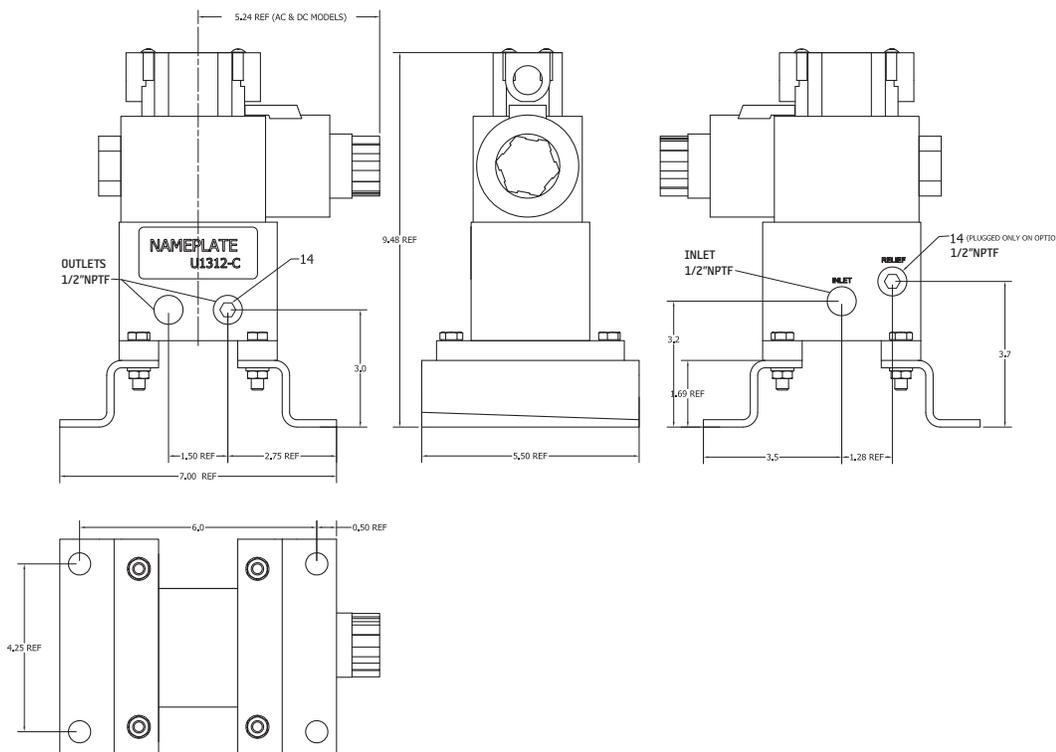
Accessories

Description	Part #
Subplate	37147
115 VAC single coil (replacement)	39911RC *
230 VAC single coil (replacement)	39912RC *
24 VDC single coil (replacement)	39913

* AC valves prior to 2017 may have older AC coils which are now obsolete. These older coils are marked: 3BH-C1/C3(115VAC) or 3BH-C2/C4(230VAC)

Valves fitted with these older obsolete coils should be replaced with a new valve p.n. 39904RC or 55073RC.

Dimensional Schematics



Measurements shown in inches.

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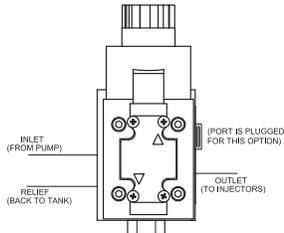
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 Morrisville, NC 27560

Configuration Options

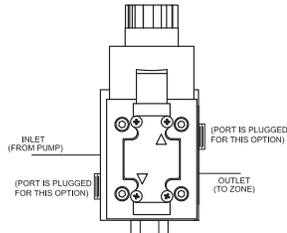
OPTION 1

WHEN USED AS A ELECTRIC VENT VALVE ON INJECTOR SYSTEMS



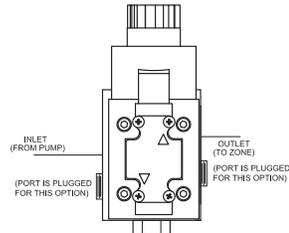
OPTION 2

WHEN USED AS A ZONE CONTROL VALVE NORMALLY CLOSED POSITION



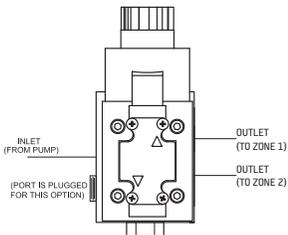
OPTION 3

WHEN USED AS A ZONE CONTROL VALVE NORMALLY OPEN POSITION



OPTION 4

WHEN USED AS A DIVERTER VALVE



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