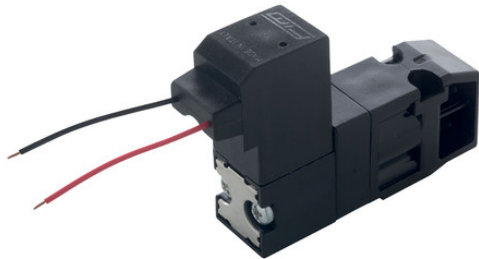




PHV Series Booster Valve

PHV15RNC-E315D-1W012



Clippard's PHV Series booster valve delivers high performance in a compact, pressure-piloted design. Engineered for manifold mounting, it drives output flows up to 400 l/min at 100 psig with a fast 10 ms nominal response. Its low power consumption ensures efficient, cool-running operation—ideal for dense assemblies and space-constrained environments. The PHV integrates seamlessly into control systems across medical, packaging, and industrial automation applications, offering reliable actuation and high flow without compromising energy efficiency or speed.

Connector	Wires (standard for 15 mm)
Data Sheet	Technical Data Sheet
Function	3-way normally-closed
Manifolds	1/8" NPT, G1/8
Material, Body	Nickel-Plated Brass, Stainless Steel, Nylon
Material, Seals	FKM, polyurethane, NBR, HNBR
Max Flow	400 l/min @ 100 psig (7 bar)
Medium	Air
Operating Pressure Range	30 to 150 psig (2 to 20 bar)
Operating Temperature Range	30 to 122°F (-1 to 50°C)
Orientation	Right (coil up, standard)
Pilot	15 mm
Ports	Manifold Mount
Response Time	10 ms nominal
Valve	15 mm, 0.032" (0.8 mm) Orifice
Voltage	12 VDC (standard)
Voltage Tolerance	±10%
Weight (lbs.)	0.1120

ORDERING INFORMATION

P H V ☐ ☐ **N C - E3** - - - - ☐

Pilot **Valve** **Orientation** **Voltage**

10 10 mm
15 15 mm*

If 10 mm pilot is selected: 11E-3C 10 mm ISO Series
If 15 mm pilot is selected: 15D-1W 15 mm, 0.032" (0.8 mm) Orifice

R Right (coil up—standard)
L Left (coil down—available)

012 12 VDC
024 24 VDC

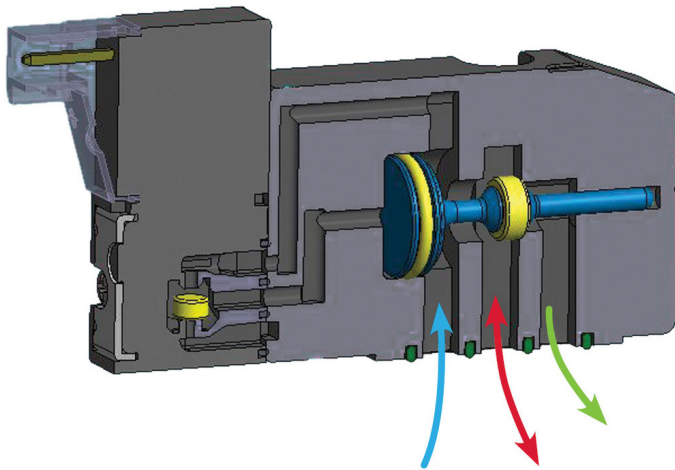
*Additional connectors and voltages available. See website or contact Clippard.

MANIFOLDS

EPHVM-01 Single-Station, 1/8" NPT
M-EPHV-01 Single-Station, G1/8

Example Part Number:

PHV15RNC-E315D-1W-012



TYPICAL FLOW

