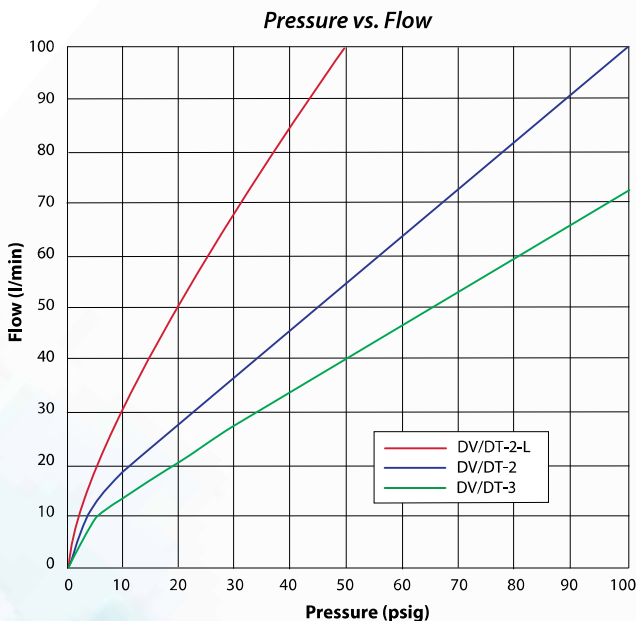


DV SERIES HIGH FLOW VALVES

2-WAY & 3-WAY HIGH FLOW VALVES



- Industry standard for leak-free operation
- Design flexibility and fast response
- Designed to accommodate large flows with more stroke
- Robust stainless steel “spider”



QUICK CONNECT

Clippard DT Series valves feature spade lugs for simple, quick secure low voltage connections. The DV type valves are available in popular voltages with 18" wire leads.

Clippard DV series electronic valves are high flow, precision-built control valves. This powerful series was designed as the next generation of the well-known and trusted original EV series valves. With a life of over a billion cycles, a solid, compact design, and extremely high flow rates, these valves are suitable for many applications across numerous diverse industries. A variety of voltage, connector and mounting options are available.

Proportional version also available—See p. 58-59

- Fast response
- Low heat rise/low power
- Small package
- Single moving part for low friction and wear
- Two orifice sizes
- Two connection styles
- Two mounting types

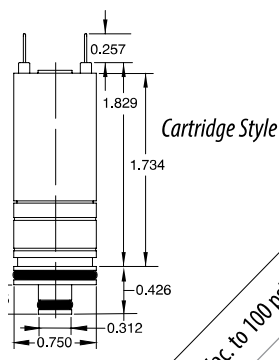
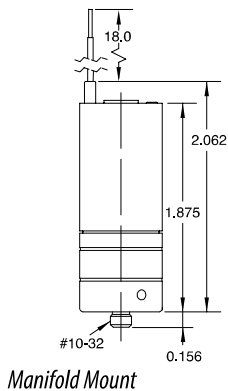
Medium	Air or compatible gases (40 micron filter)
Air Flow	DV-2/DT-2: 100 l/min @ 100 psig DV-2-L/DT-2-L: 100 l/min @ 50 psig DV-3/DT-3: 70 l/min @ 100 psig
Power Consumption	1.9 watts
Ports	#10-32 (on manifold mount valve)
Temperature Range	32 to 130°F
Response	10 to 15 ms
Electrical Connection	Spade terminals or wire leads
Operating Range	95 to 125% of rated voltage
Mounting	Manifold or cartridge style (inserts into a 3/4" bore)
Wetted Materials	PPS, PEI, stainless steel
Seal Material	FKM standard Nitrile, EPDM ¹ , and silicone ¹ available
More Details	clippard.com/link/dv

*Customizable to the specifications of the application. Call 1-877-245-6247.

¹Minimum order quantity required for EPDM or silicone seals

DV SERIES HIGH FLOW VALVES

2-WAY & 3-WAY VALVES, MANIFOLD & CARTRIDGE MOUNT



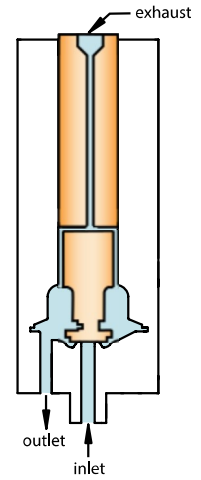
Vac. to 100 psig
Vac. to 50 psig

12 VDC
24 VDC



2-Way

3-Way



		Pressure Range		Voltage		In-Line		Cartridge	
<p>Spade Terminals</p>	•		•		DT-2M-12	DT-2C-12	DT-3M-12	DT-3C-12	
	•		•		DT-2M-24	DT-2C-24	DT-3M-24	DT-3C-24	
	•	•	•		DT-2M-12-L	DT-2C-12-L			
	•	•	•		DT-2M-24-L	DT-2C-24-L			
<p>Wire Leads Top (Axial)</p>	•		•		DV-2M-12	DV-2C-12	DV-3M-12	DV-3C-12	
	•		•		DV-2M-24	DV-2C-24	DV-3M-24	DV-3C-24	
	•	•	•		DV-2M-12-L	DV-2C-12-L			
	•	•	•		DV-2M-24-L	DV-2C-24-L			

Medium	Air or compatible gases (40 micron filter)
Materials, Seals	FKM standard; nitrile, EPDM ¹ , and silicone ¹ available
Materials, Wetted	PPS, PEI, stainless steel
Mounting	Manifold or cartridge style
Operating Range	95 to 125% of rated voltage
Ports	#10-32 (on manifold mount valve)
Power Consumption	1.9 watts
Response Time	10 to 15 ms
Temperature Range	32 to 130°F
More Details	clippard.com/link/dv

See p. 10 for mounting option schematics

¹Minimum order quantity required for EPDM or silicone seals

Pressure Range	Version	Air Flow	Options Suffix
28" Hg Vac. to 100 psig	2-Way	100 l/min @ 100 psig	(blank)
	3-Way	70 l/min @ 100 psig	(blank)
28" Hg Vac. to 50 psig	2-Way	100 l/min @ 50 psig	-L

Options Suffix

Nitrile seals	(blank)
FKM seals	-V
EPDM seals ¹	-E
Silicone seals ¹	-S

Example Part Numbers:

DV-2M-12-V

MULTI-STATION MANIFOLDS

Black anodized aluminum;
1/8" NPT ports



Part No.	Description
15781-2	2-Station
15781-4	4-Station
15781-6	6-Station

SINGLE-STATION MANIFOLDS

ENP brass standard

Other materials also available,
call 877-245-6247.



Cartridge style shown

Part No.	Description
15490-5	Manifold Mount
15492-1	Cartridge Manifold

Clippard's Next Generation DV Series Valve

Clippard DV series electronic valves feature the same exceptional long life as the trusted EV series, but with even more flow! Proportional version also available (see pp. 58-59).

**For more details,
visit clippard.com/link/dv**

