**Clippard**

**DV SERIES HIGH FLOW ELECTRONIC VALVES**

The Next “Gen” Valves that are compact, quick and offer flows to 100 l/min!

Clippard Minimatic® electronic valves are precision-built control valves utilizing Clippard’s patented valving principle. The powerful DV Series was designed as the next generation of the well-known and trusted original EV line of Clippard “Mouse” valves. With a cycle life of over a billion, 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.

- Industry standard for leak-free operation
- Fast response time
- Large flows in small, sleek design
- Low heat rise/low power
- Robust stainless steel “Spider” flat armature spring
- Over 1,000,000,000 cycles

### Medium
Compatible Fluids (40 micron filter recommended)

### 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*

### Valve Type
2-Way or 3-Way, Normally-Closed or Normally-Open, Fully-Ported (3-Way)

### Pressure Range
Vac to 100 psig*

### Power Consumption
1.9 watts

### Ports
- #10-32 or M5 (Manifold Mounted versions), 1/8” or G1/8 (In-Line versions)

### Response Time
10 to 15 milliseconds

### Electrical Connection
Spade Terminals or Wire Leads*

### Operating Range
95 to 125% of rated voltage

### Voltage
12 or 24 VDC*

### Ambient Temperature
32° to 130°F at continuous duty*

### Mounting
In-Line, Manifold or Cartridge Style (inserts into a 3/4” bore)

### Wetted Material
Ultem™, Stainless Steel**, PPS

### Seal Material
Nitrile, FKM (“-V”), EPDM (“-E”), Silicone (“-S”) optional**

### More Details
clippard.com/link/dv

* Consult Clippard for special configurations
** Other materials available for special design/project requirements. Consult Clippard.

Ultem™ is a Trademark of SABIC
Minimatic® is a Trademark of Clippard Instrument Laboratory, Inc.
### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Unit</th>
<th>Connector</th>
<th>Function</th>
<th>Mount</th>
<th>Voltage</th>
<th>Pressure</th>
<th>Seals</th>
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</thead>
<tbody>
<tr>
<td>(blank)</td>
<td>Imperial</td>
<td>DT-</td>
<td>Terminal</td>
<td>2</td>
<td>2-Way</td>
<td>12-</td>
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<tr>
<td>M-</td>
<td>Metric</td>
<td>DV-</td>
<td>Wire Leads</td>
<td>3</td>
<td>3-Way</td>
<td>24-</td>
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**Example Part No.: DT-2-12-L**

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### Multi-Station Manifolds

<table>
<thead>
<tr>
<th>Construction</th>
<th>Black anodized aluminum</th>
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<tbody>
<tr>
<td>Ports</td>
<td>1/8” NPT</td>
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<tr>
<td>2-Station Part No.:</td>
<td>15781-2</td>
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<td>4-Station Part No.:</td>
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### Single-Station Manifolds

<table>
<thead>
<tr>
<th>Construction</th>
<th>ENP brass standard, Other materials available.</th>
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<tr>
<td>Standard Manifold</td>
<td>Part No.: 15490-5</td>
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<tr>
<td>Cartridge Manifold</td>
<td>Part No.: 15492-1</td>
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</table>

For Manifold dimensions, visit www.clippard.com