

# Clippard

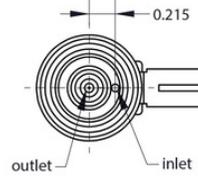
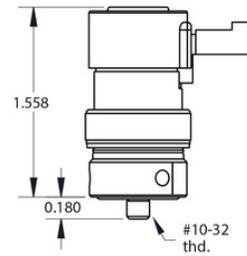
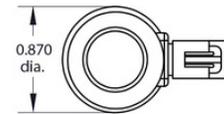
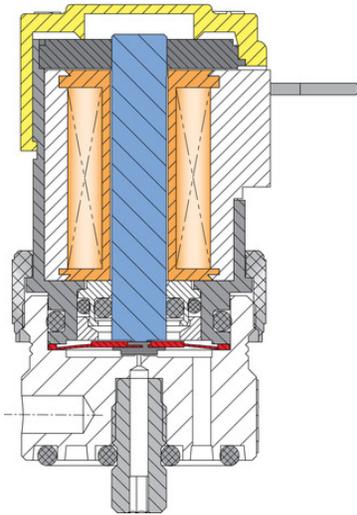
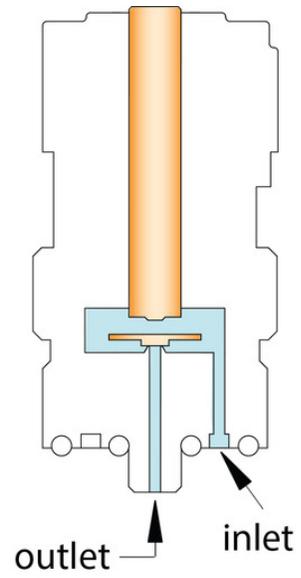
## EV Electronic Valves

### EHC-2M-24-T



Clippard's original EV series valve design is a deceptively simple arrangement featuring a remarkably quiet, low power operation. The Clippard "spider" armature spring is the only moving part, and its motion to operate the valve is a mere 0.007" travel. As a result, this valve features an exceptionally long life—proven to last more than 1,000,000,000+ cycles! Low voltage DC inputs move the spider, generating extremely fast response times of 5 to 10 milliseconds while using only 0.67 watts of power. The EV series is cool running and its compact, lightweight design makes it easy to mount in small spaces.

<b>Accessories</b>	Installation Socket Torque Tool <a href="#">30215</a>
<b>Coil Resistance</b>	864
<b>Connection</b>	Terminal Pin, 0.025"
<b>Connector</b>	<a href="#">C2-RB18</a>
<b>Current</b>	0.028A
<b>Data Sheet</b>	<a href="#">Standard, N.O. Manifold</a>
<b>Data Sheet, Series</b>	<a href="#">High Pressure Data Sheet</a>
<b>Filtration</b>	40 micron (recommended)
<b>Flow Direction</b>	High-pressure models are factory-configured for reverse-flow orientation relative to standard configuration. The valve allows flow in both directions during actuation. When closed, outlet pressure must remain lower than inlet pressure to prevent unintended valve opening.
<b>Function</b>	2-Way Normally-Closed
<b>Leak Rate</b>	0.1 sccm
<b>Manifolds</b>	<a href="#">Single &amp; Multi-Station, Specialized</a>
<b>Material, Seals</b>	Nitrile
<b>Material, Spring</b>	Nickel Alloy
<b>Material, Wetted</b>	ENP brass, nickel alloy, stainless steel, ENP steel
<b>Max PSI</b>	500 (34.5 bar)
<b>Medium</b>	Clean, Dry Air and Compatible Liquids and Gases
<b>Mount</b>	Manifold
<b>Operating Pressure</b>	500 psig (60 l/min @ 500 psig)
<b>Operating Temperature Range</b>	32 to 180°F (0 to 82°C)
<b>Operating Voltage Range</b>	90 to 150%
<b>Poppet Travel</b>	0.007"
<b>Product Line Brochure</b>	<a href="#">Spider Valves</a>
<b>Response Time</b>	5 to 10 milliseconds (nominal)
<b>Type</b>	High Pressure
<b>Unit</b>	Imperial
<b>Voltage</b>	24 VDC
<b>Wattage</b>	0.67 Watts (nominal)
<b>Weight (lbs.)</b>	0.1700
<b>Wire Connector</b>	AMP #103959-1



**Flow vs. Pressure**

