

The MAC 47 series is a direct solenoid operated 4-way poppet valve. High flow in a small package, oval armature. These feature a short stroke solenoid, a balanced poppet and conical seats. These features translate into high shifting forces, fast consistent response times, and long life. For more information regarding certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

Stock Part Number: 47A-L10-HDA0-1KD

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
5/2	1/8"-1/4"	0.5Cv	Vac. to 120PSI	Inline

OPERATIONAL BENEFITS

- Balanced poppet, immune to variations of pressure.
- Short stroke with high flow.
- The patented solenoid develops high shifting forces.
- Powerful return spring.
- Manual operator standard on all valves.
- Burn-out proof solenoid on AC service.



47 SERIES

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47A - $\begin{matrix} X & X & X \\ \hline 1 & 2 & 3 \end{matrix}$ - H $\begin{matrix} XX \\ \hline 4 \end{matrix}$ $\begin{matrix} X \\ \hline 5 \end{matrix}$ - $\begin{matrix} X \\ \hline 6 \end{matrix}$ $\begin{matrix} XX \\ \hline 7 \end{matrix}$

1 - Body Type

- 0 Base Only
- A Inline 5 Port
- B Inline Body 5 Port with Flow Controls
- C Inline Body Namur Mount

2 - Port Size & Thread Type

- C 1/8 BSPPL
- D 1/4 BSPPL
- L Other - See MVP

3 - Base Type

- 0 Inline / Stacking/ Valve Only
- A Individual Base Non Plug-In
- B Individual Base Non Plug-In w/ Flow Controls
- J Manifold Base Side Ports (Middle Station)
- K Manifold Base Bottom Ports (Middle Station)
- L Right End Manifold Base, Side Ports
- M Right End Manifold Base, Bottom Ports
- N Left End Manifold Base, Side Ports
- P Left End Manifold Base, Bottom Ports

Accessories

- N-47005-01 Fastening Kit (Manifold)
- 28447 Isolator Plate - Inlet and Exhaust (Manifold)
- M-47001 Blank Station Cover Plate
- N-47004 Cover Plate Assembly with Flow Controls (Inline)
- M-47013-01P End Plate Kit (Stacking)
- N-47009 Exhaust Isolator Plate Assembly (Stacking)
- 28451 Inlet Isolator Plate (Stacking)

47 SERIES STANDARD SOLENOID OPTIONS

H $\begin{matrix} XX \\ \hline 4 \end{matrix}$ $\begin{matrix} X \\ \hline 5 \end{matrix}$ - $\begin{matrix} X \\ \hline 6 \end{matrix}$ $\begin{matrix} XX \\ \hline 7 \end{matrix}$

4 - Voltage (*Requires full wave rectifier in cover)

- | | |
|---------------------|-------------------|
| AC 240 VAC (5.8w) * | DF 12 VDC (5.2w) |
| AD 24 VAC (7.8w) * | DG 12 VDC (24w) |
| DA 24 VDC (5.2w) | DH 12 VDC (1.8w) |
| DB 24 VDC (24w) | DJ 12 VDC (1.0w) |
| DD 24 VDC (1.0w) | DL 120 VDC (6.3w) |

5 - Lead Wire Length

- | | |
|------------------|-------------------|
| 0 NO LEAD WIRE | E 72" Coil Leads |
| A 18" Coil Leads | F 96" Coil Leads |
| B 24" Coil Leads | G 120" Coil Leads |
| C 36" Coil Leads | H 144" Coil Leads |
| D 48" Coil Leads | P Plug-In |

Note: Use "0" With MJ, MM & K Type Connectors

6 - Manual Operator

- | | |
|-----------------------------|---------------------------------|
| 0 NO OPERATOR | 1 Recessed Non Locking Operator |
| 2 Recessed Locking Operator | 3 Extended Non Locking Operator |
| 4 Extended Locking Operator | |

7 - Electrical Connector

- BA Flying Leads
- BB Flying Leads w/ground
- BC Flying Leads w/LED Light
- BD Flying Leads w/LED Light & Ground
- BE Flying Leads w/Suppression Diode
- BF Flying Leads w/Suppression Diode & Ground
- BG Flying Leads w/Suppression Diode Plus LED Light
- BH Flying Leads w/Suppression Diode Plus LED Light & Ground
- KD Mini plug-in with light
- KJ Mini plug-in male only



