

# **54 SERIES**

The MAC 54 series is a 3-way balanced spool valve piloted by a small direct operated balanced poppet valve.

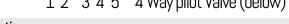
This is an extremely versatile valve: 1: It can be converted for use in vacuum. 2: It can be changed from a normally closed function to a normally open function. Huge flow in a compact package size is the best way to describe this valve. 3: It can also be converted to a remote air operated valve by removing the solenoid pilot assembly - just to name a few. For more information regarding certifications (such as UL, CSA, RoHS and CE) please ask our team at Mac Valves Pacific.

# Stock Part Number: 54A-AA-000-DM-DDAJ-1JM

Function	Port size	Flow (Max)	Pressure Range	Individual Mounting
3/2 NO-NC	3/8"-3/4"	4.1 Cv	Ext. Vac to 120PSI	Inline
			Int. 20 to 120PSI	

# **54 SERIES**

54A - X X - X X X - X X - XX - DXX X - X XX 1 2 3 4 5 4 Way pilot Valve (below)



# 1 - Function

- 0 Base Only
- B Single op. N/O Non Plug In
- A Single op. N/C Non Plug In C Single op. N/C Plug In
- D Single op. N/O Plug In
- 2 Body Type
- 0 Base Only
- A Base mount Body Internal Pilot
- B Base mount Body Ext. Pilot (12 End)
- C Base mount Body Ext. Pilot (10 End)
- E\* Base mount Body Int. Pilot (Pilot Exh. out main exh.)
- F\* Base mount Body Ext. Pilot (12 End (Pilot Exh. out main exh.)
- G\* Base mount Body Ext. Pilot (10 End (Pilot Exh. out main exh.)
- \*Note: Must use "DU" Pilot Body Main exhaust cannot be restricted

' PILOT VALVE							
XX - D	)XX	X	- X	XX			
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# 6 - Pilot Style

- DM Muffled Exhaust DP Piped Exhaust DU Universal Pilot, Pilot exhaust out main exhaust 7 - Voltage JA 120/160, 110/50 (2.9w) JC 24/60, 24/50 (3.7w) JF 240/50 (2.8w) DA 24VDC (54w)
  - DE\* 12VDC (12.7w) FA 12VDC (1.8w)
    - FE 12VDC (24w)

A 18" Flying Lead

#### FF 24VDC (24w) 8 - Lead Wire Length plug-in Valve Base

J Plug-In, Non Plug-In valve/Base

DB 12VDC (54w)

DF\* 12VDC (12.7w)

FB 24VDC (1.8w)

- **54 SERIES**
- 0 Base Mount
- D 3/8" BSPPL
- E 1/2" BSPPL
- F 3/4" BSPPL

### 4 - Base Type & Configuration

3 - Port Size And Thread Type

- 0 Base Mount
- 1 Individual Base side ports Non Plug-In
- 2 Individual Base Bottom cyl. port (No side cyl. port)

#### 5 - Base Type

- 0 Valve Only
- B Plug In Base
- A Non Plug In Base

## 9 - Manual Operator

- 0 No manual operator
- 2 Recessed locking operator
- 4 Extended locking operator
- 10 Electrical Connection Non Plug-In Valve/Base
  - BA Grommet
- External Plug-In Valve
- FM Plug-In
- JD Rect. Plug-In w/ Light
- JA Square Plug-In No Light JJ Square Male Only
- KD\* Mini Plug-In w/ Light

Ext. non locking operator

1 Recessed non locking operator

- CA Conduit 1/2"NPS
- JB Rect. Plug-In No Light
- JM Rect. Male On
- JC Square Plug-In w/ Light
- KA Mini Plug-In no Light
- KJ Mini Plug-In Male Only
- \*M.O.V., Diode & Light are in female connector in these options.

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- \*Further Options Available
- **54 SERIES DOUBLE REMOTE AIR** 54A - X X - X X - RA 1 2 3 4 5 1 - Function 3 - Port Size And Thread Type 4 - Base Type & Configuration 0 Base Only 0 Valve Only 0 Valve Only E Dbl. Oper. N/C D 3/8" BSPPL 1 Indiv. Base Side Ports F Dbl. Oper. N/O Е 1/2" BSPPL 2 Indiv. Base Bottom Cyl. Port Only 3/4" BSPPL 2 - Body Type (No side Cyl. Port) 0 Base Only 5 - Base Type
- D Remote Air

0 Valve Only MAC VALVES - LARGE - 3-WAY

C Remote Air

4-WAY