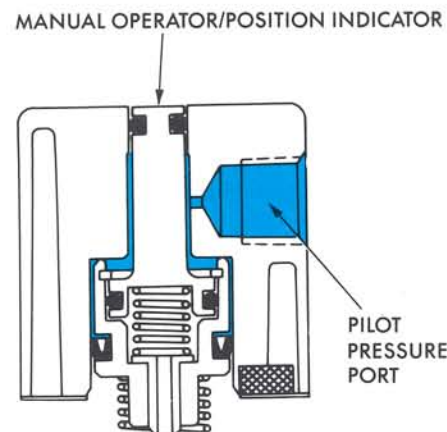


REMOTE AIR PILOT, PILOT OPERATED OPTIONS

A 100 type remote air pilot, pilot operator (shown on the right) is available on all valves using the 100 Series solenoid (All series in this catalog except 200, 57, 58, 59, or 1300). Any 100 Series solenoid can be replaced with this air pilot operator. When utilizing this operator the air pilot signal can be a minimum of 20 psig regardless of main valve pressures. The air pilot signal pressure shifts only the pilot valve poppet while internal (main valve) or external pilot pressure shifts the main valve spool. A manual operator and pilot spool position indicator is standard.

TO ORDER: Substitute the voltage, manual operator and enclosure options given in the catalog under each series with RA1X, X equaling the desired pilot port thread options shown on the right examples, 55B-12-PI-RA11, 56C-12-RA11, 711C-11-PI-RA11, 811C-PM-RA11-52, 911B-PM-RA11. On 6000Series (6200-6300-6500) for both

single and double operated models use the Remote Air Pilot Model numbers given in the catalog and add 1X (X equaling desired port thread) after the RA e.g. 6212C-131-PM-RA11, 6312D-131-PM-RA11 or 6512B-131-PM-RA11. To order a solenoid operated valve with air pilot return, use the standard double solenoid valve model numbers and add MOD 410A to replace the "A" solenoid with the remote air pilot, pilot operator or MOD 410B to replace the "B" solenoid.



A similar remote air pilot is available for the 35, 45 & 82 Series. Use same code for pilot port options.

Examples: 35A-AAA-RA11
45A-AA1-RA11
82A-AB-BAA-TM-RA11

| PILOT PORT OPTIONS | |
|--------------------|------------|
| 1 | 1/8" NPTF |
| * 2 | #10-32 UNF |
| * 3 | M5 x 0.8 |
| 4 | 1/8" BSPP |
| 5 | 1/8" BSPT |

* Not available for the 35, 45 & 82 Series

PARTIAL LIST OF MODIFICATIONS

T4

MAC Valves is committed to designing and producing valves to our customers' specifications wherever practical and possible. Below is an abbreviated list of some of the more common modifications in general use. There are currently over 1,000 MOD numbers issued; if you do not find what you require in the list below, please consult the factory.

- DD01** - Replace standard coil with a coil containing a spike suppressing diode. For D.C. voltages only (polarity sensitive).
- MOV1** - Replace standard coil with a coil containing a spike suppressing M.O.V. For both AC & DC voltages (not polarity sensitive).
- DRA1** - Assemble single solenoid valves with a base or manifold wired to accommodate a double solenoid valve.
- CLSF** - Replace standard coil with a Class F rated coil.
- Lxxx** - Assemble valve or base assembly with special length lead wire (xxx = lead length in inches).
- T65C** - For ambient temperatures up to 150° F (65° C). Includes CLSF coil.
- TSA1** - Provide a terminal strip mounted on junction box cover plate.
- TSA2** - As TSA1 but with the base leads prewired to terminal strip.
- 0158** - Replace standard spring with heavy duty spring.
- 0233** - Assemble valve with solenoid operator on B end of valve instead of A end.
- 300B** - Install Brad Harrison 3 pin connector.
- 0300** - Install Brad Harrison 5 pin connector.
- 0389** - Rotate solenoid cover or mechanical operator 180 degrees from standard position.
- 408B** - Install filter screen in port 3 instead of port 1. (35, 100 or 200 series)
- 416Y** - DIN connectors prewired with 6 feet of SJO-3 yellow cord.
- 0446** - Replace standard spools and seals with viton spools and seals.
- 471L** - Coil wires to be 22 AWG.
- 0532** - Valves supplied with solenoid cover(s) and corrosion resistant parts for wash down applications.
- 0575** - Modify 55, 58 and 59 series for diverter application.
- 0650** - Grease all valve parts with FDA approved grease.
- 736A** - 100 series modified for higher flow, high speed 2 Way applications.
- 0819** - Extended meter in/out flow controls (45 series).
- 0850** - Lubricate valve with Dow Corning no.4 grease.

Consult "Precautions" on inside back cover before use, installation or service of MAC Valves.