



Manual Control Valve shown with optional gauge port



Manual Control Valve shown with optional inlet connection

GasFlo Products MC Series Manual Control Valves provide a positive shut off direct from a cylinder valve outlet when a regulator is not required. This packed type design is suitable for high pressure applications (3000 psig max) and offers basic flow metering capability. Available with a specified cylinder connection inlet and gauge port on request.

FEATURES

- BAR STOCK CONSTRUCTION
- PACKED TYPE DESIGN
- PRECISION BURNISHED STEM
- BASIC METERING CAPABILITY
- POSITIVE SHUT OFF
- HIGH TEMPERATURE RANGE
- CLEANED FOR OXYGEN SERVICE
- 100% LEAK TESTED
- CUSTOM MATERIALS AND CONFIGURATIONS AVAILABLE ON REQUEST

MATERIALS OF CONSTRUCTION

- **BODY OPTIONS:**
NICKEL PLATED BRASS, 316L STAINLESS STEEL OR MONEL®
- **PACKING:**
PTFE, 303 STAINLESS STEEL
- **BONNET NUT:**
303 STAINLESS STEEL
- **STEM:**
303 STAINLESS STEEL OR MONEL®
- **HANDLE:**
ABS PLASTIC
CUSTOM COLORS AVAILABLE ON REQUEST
- **LABEL:**
VINYL/MYLAR

MONEL® - TM - SPECIAL METALS CORPORATION

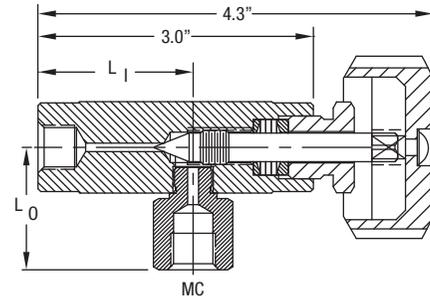
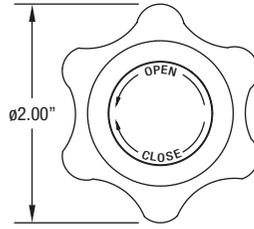
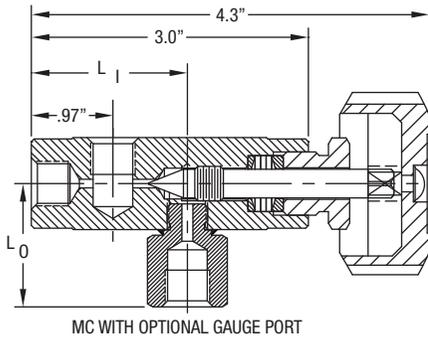
APPLICATIONS

- DIRECT TO CYLINDER OUTLET VALVE
- MANIFOLD SYSTEMS
- GENERAL SHUT-OFF

END CONNECTION OPTIONS

- 1/4" FEMALE PIPE THREAD
- CUSTOM CONNECTIONS

DIMENSIONAL INFORMATION



All dimensions are in inches - for reference only, subject to change.

SPECIFICATIONS

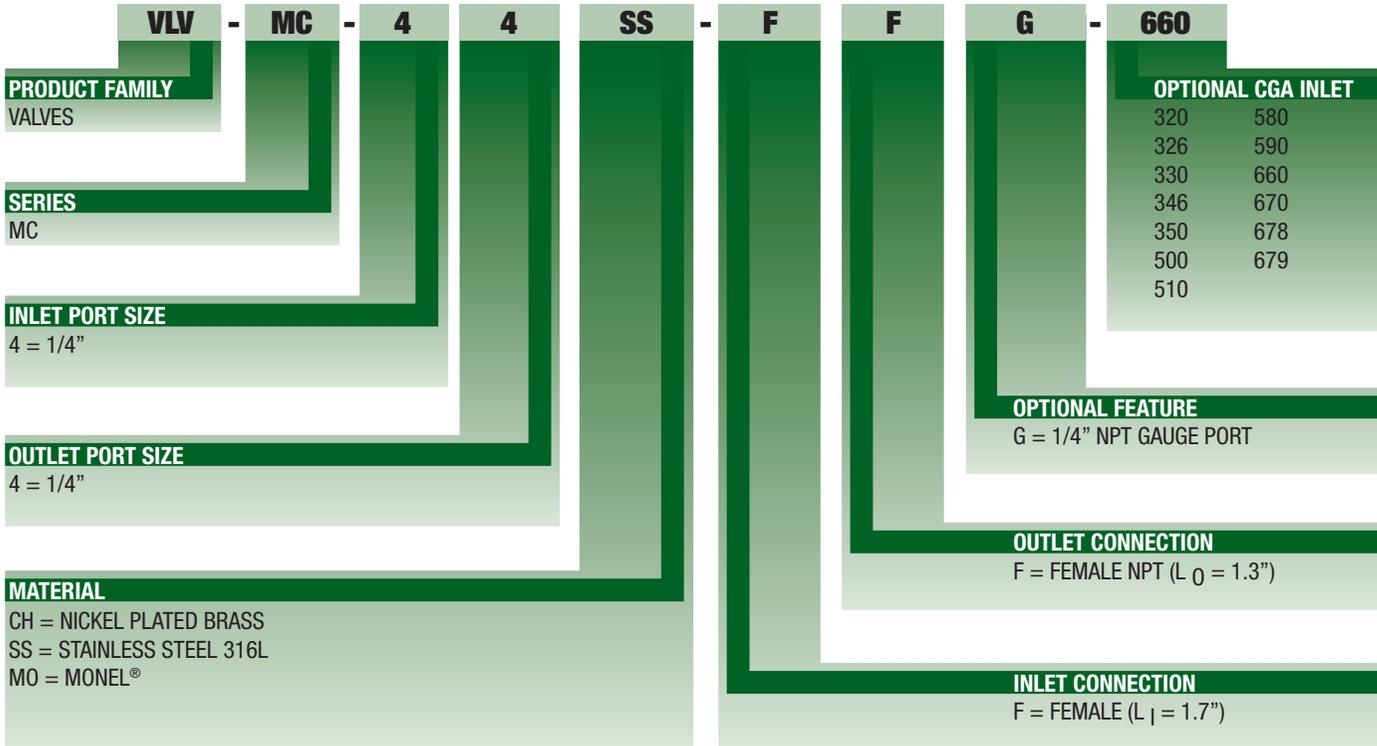
PRESSURE RATING: 3000 PSIG
FLOW COEFFICIENT $C_v = .35$
SEAT ORIFICE SIZE: $\phi .094$

PACKING: PTFE, 303 STAINLESS STEEL
TEMPERATURE LIMITS: -65°F TO 450°F
MAX. ALLOWABLE SEAT LEAKAGE: 1 X 10⁻³ ATM CC/SEC N₂
MAX. INBOARD LEAKAGE: 1 X 10⁻³ ATM CC/SEC N₂

WETTED STEM: 303 STAINLESS STEEL OR MONEL®
HANDLE: ABS PLASTIC

ORDERING INFORMATION

TYPICAL PART NUMBER



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Minimum order quantities may be required. Some inlet/outlet combinations may not be available.

VALVE, FITTING OR OTHER COMPONENT FUNCTION, PROPER INSTALLATION, MATERIALS COMPATIBILITY, ADEQUATE RATINGS, OPERATION AND MAINTENANCE ARE THE RESPONSIBILITY OF THE SYSTEM DESIGNER AND USER.



PRODUCT FAILURE, IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.



19 Industrial Road, Fairfield, NJ 07004 Phone: 973-276-9011 Fax: 973-276-9014 www.gasflo.com



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