



Meter, Valve & Control
PROCESS MEASUREMENT AND CONTROL SOLUTIONS

1499 Sunnybrook Rd
Alamo, CA 94507

Phone 877-566-3837
Office 925-989-1976
Fax 925-407-2903

sales@mvandc.com
www.mvandc.com

SERVICE REGULATORS



STD DOMESTIC SPRING OPERATED REGULATOR (MOST COMMON) B42R-B31R-1/2,3/4,1,1-1/4



STD MOBILE HOME PARK GAS REGULATOR WITH 90 DEGREE VALVE BODY (B42R-3/4-90)



STD SPRING OPERATED COMMERCIAL REGULATOR B34SR – 1-1/4 TO 3”



STD SPRING OPERATED INDUSTRIAL REGULATOR B34 & B38R – 1-1/4 TO 3”



PILOT OPERATED REGULATOR FOR FIXED FACTOR MEASUREMENT APPLICATIONS CL31-CL231-CL34-CL38-CL838 3/4” TO 4”



SPRING OPERATED HIGH CAPACITY HIGH PRESSURE OUTLET INDUSTRIAL REGULATOR RB1700-RB4000 – 1-1/2 TO 3”

LINE SERVICE REGULATORS



LINE SERVICE REGULATORS MADE BY PIETRO FIORENTINI ARE AVAILABLE IN PIPE SIZES 1/2” THROUGH 4”. ALL SIZES CAN COME WITH VENT LIMITERS INSTALLED (INDOOR APPLICATIONS) OR WITH A VENT CAP (OUTDOOR INSTALLATIONS). THESE REGULATORS ARE CSA/ANSI CERTIFIED UNLIKE MOST SERVICE REGULATORS. THESE REGULATORS ARE AVAILABLE IN 2 PSIG MAX INLET AND 5 PSIG MAX (DC MODEL) VERSIONS.

HOW TO SIZE A GAS REGULATOR

INFORMATION REQUESTED

1. INLET PRESSURE – TYPICALLY PSIG BUT MAY BE IN “ WC
2. OUTLET PRESSURE – TYPICALLY IN INCHES OF WATER COLUMN (“WC) BUT MAY BE IN PSIG
3. MAXIMUM EXPECTED GAS LOAD OR CAPACITY – TYPICALLY CFH, MBH OR BTUH
4. PIPE SIZE - REGULATORS ARE AVAILABLE IN 1/2” THROUGH 4” SIZES.
5. GAS TYPE – TYPICALLY NATURAL GAS BUT MAY BE OTHER GAS LIKE PROPANE (LPG).
6. INDOOR OR OUTDOOR - IF INDOORS YOU WILL LIKELY WANT TO CONSIDER REGULATORS WITH VENT LIMITERS (LINE SERVICE REGULATORS) TO ELIMINATE THE NEED TO RUN COSTLY VENT PIPING WHICH IS REQUIRED ON STANDARD SERVICE REGULATORS WITH VENTS. IF OUTDOORS YOU CAN USE EITHER A SERVICE REGULATOR OR A PAINTED LINE SERVICE REGULATOR WITH THE VENT LIMITER REOMVED.

ADDITIONAL INFORMATION (NOT REQUIRED IN MOST CASES BUT YOU MAY WANT TO OFFER OPTIONS TO YOUR CUSTOMERS

1. OPTIONAL FEATURES – OVERPRESSURE PROTECTION SUCH AS INTERNAL RELIEF, WORKER-MONITOR, INTERNAL MONITOR, IN-LINE MONITOR, OVERPRESSURE SHUTOFF, UNDERPRESSURE SHUTOFF, SILENCERS, ETC.

SIZING

1. CALL US AT 877-566-3837 AND WE WILL SIZE FOR YOU
2. USE SIZING SOFTWARE FOUND AT [Itron Sizing](#)
[PF Governor Line Service Regulator Sizing](#)
3. USE SIZING TABLES AVAILABLE ON OUR WEBSITE OR IN YOUR CATALOG