



Meter, Valve & Control
PROCESS MEASUREMENT AND CONTROL SOLUTIONS

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DIAPHRAGM METERS



DOMESTIC CLASS METERS:

NG4, MET250, I-250. MAOP OF 5 PSIG. TYPICAL HUB SIZE IS 20LT (3/4" AND 1" PIPE SIZES)



COMMERCIAL CLASS METERS:

400A. MAOP OF 10 OR 25 PSIG, TYPICAL HUB SIZE IS 30 LT AND 45LT (1", 1.25" & 1.5" PIPE SIZES.)



INDUSTRIAL CLASS METERS:

675A, 800A, 1000A. MAOP OF 25 PSIG. TYPICAL HUB SIZE FROM 30 LT TO 100 LT (1", 1.25", 1.5" & 2" PIPE SIZES.)

SOLID STATE METERS



FM1 DATTUS METER;
CAPACITY FROM 8 CFH TO 3,750 CFH, STANDARD PIPE SIZE 2" FLANGE (SEE CFS KITS FOR SMALLER SIZES)



FM2 DATTUS METER;
CAPACITY FROM 18 CFH TO 13,750 CFH, STANDARD PIPE SIZE 2" & 3" FLANGE (SEE CFS KITS FOR SMALLER SIZES)



FM3 DATTUS METER; CAPACITY FROM 45 CFH TO 57,000 CFH, STANDARD PIPE SIZE 4" FLANGE (SEE CFS KITS FOR SMALLER SIZES)

ROTARY METERS



ITRON DELTA ROTARY METER
SIZE IS 2M (9 CFH TO 2,300 CFH). AVAILABLE IN 1-1/2" NPT AND 2" FLANGED PIPE SIZES.

INSERTION STYLE METER



ONICON INSERTION STYLE METER
F5100, F5200. AVAILABLE FOR PIPE SIZES 1" TO 24".

HOW TO SIZE A GAS METER:

MINIMUM INFORMATION REQUIRED

1. METER PRESSURE – EITHER PSIG OR INCHES WATER COLUMN (" WC)
2. FLOW RANGE – TYPICALLY PROVIDED IN BTUH OR SCFH. MAXIMUM AMOUNT IS REQUIRED AND MINIMUM AMOUNT IS NICE BUT NOT ALWAYS NECESSARY.
3. PIPE SIZE AND ORIENTATION- FIND OUT PIPE SIZE AND ANY PIPING ORIENTATION (HORZ LEFT TO RIGHT,ETC) OR PIPE CONSTRAINTS WE ARE WORKING WITH. SOME METERS REQUIRE STRAIGHT PIPE DIAMETER UPSTREAM AND DOWNSTREAM SO IF LIMITED ROOM AVAILABLE THEN ANOTHER METER MAY BE SELECTED.
4. GAS TYPE – TYPICALLY NATURAL GAS BUT MAY BE OTHER GAS LIKE PROPANE (LPG). IF LPG YOU MUST ADD TEMPERATURE CORRECTION.

ADDITIONAL HELPFUL INFORMATION

1. INDOOR OR OUTDOOR – MOST OF THE METERS WE SELL ARE SUITABLE FOR EITHER APPLICATION BUT A FEW OF THE SMALLER METERS ARE INDOOR ONLY.
2. OPTIONAL FEATURES
 1. MOST COMMONLY USED – PULSE OUTPUT AND FIXED FACTOR PRESSURE CORRECTION.
 2. OTHER OPTIONS – LIVE TEMPERATURE AND/OR PRESSURE CORRECTION, DATALOGGING, WIRELESS, 4-20mA, MODBUS, ETC.

GAS METER ACCESSORIES



SUBMETERING DEVICES:
NOWIRE, T210, RCM-100.



COMPANION FLANGE KITS AND GASKET STRAINERS:
AVAILABLE FOR 2", 3" AND 4" METERS.



FLOW COMPUTERS AND VOLUME CORRECTORS:

