



A BTR Metering Systems Company

Residential Products Data Sheet

Equimeter Positive Displacement Diaphragm Meters

Equimeter residential positive displacement meters are designed to accurately measure low to intermediate volumes of gas at relatively low pressures. Among Equimeter's nine basic diaphragm meter models are four small to large residential meters, each sized to accommodate a specific flow range. These residential meters provide high accuracy and excellent rangeability for measurement of flows up to 1,600 SCFH at base conditions.

Models and Capacities

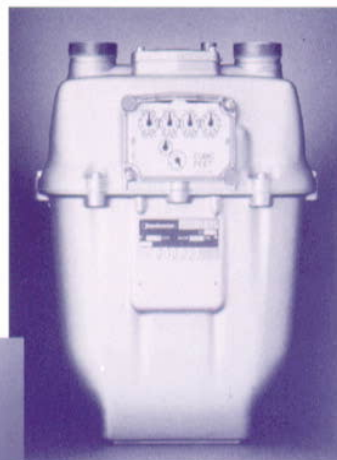
Capacities are for 0.6 s.g. natural gas and standard conditions of 60°F and 14.73 psia at 1/2" w.c. differential (for R275, R315, 415, and 750 meters; higher capacities as noted for 415 and 750 @ 2" w.c. differential).

MODEL	MAOP	CAPACITY
R-275	5 or 10	275 SCFH
R-315	5 or 10	315 SCFH
415	10 or 15	415 SCFH (900 SCFH @ 2" w.c. diff.)
750	20	750 SCFH (1600 SCFH @ 2" w.c. diff.)

Module Replacement Program

Equimeter's interchangeable valve plate assembly incorporates all the working parts of the meter in a single measuring module. In addition to easy maintenance and calibration, the module replacement feature makes it possible to "replace" a meter with an all-new working mechanism without replacing the body or connections. It means that if you buy Equimeter meters, years from now you can upgrade them to new condition at less than the cost of entirely new meters. Uncalibrated replacement modules are available in standard or temperature compensated construction.

R-275
Residential
Diaphragm Meter



415
Large Residential
Diaphragm Meter



750
Intermediate Capacity
Diaphragm Meter

For additional information on these products, or any others in Equimeter's full line of meters, instrumentation for gas meters, and pressure regulation products, please contact your Authorized Equimeter Utility Distributor.

Authorized Utility Distributor:



805 Liberty Boulevard
P.O. Box 528
DuBois, PA 15801
(814) 371-8000 • FAX (814) 375-8460
www.equimeter.com

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Equimeter Gas Pressure Regulators

Equimeter manufactures a comprehensive line of gas pressure regulation equipment for a variety of applications in various pressure ranges and flow capacities. Shown here are just a few of the regulator types available for typical service applications. For more detailed information, refer to the relevant Equimeter bulletins noted.

Multi-Purpose Service Regulators

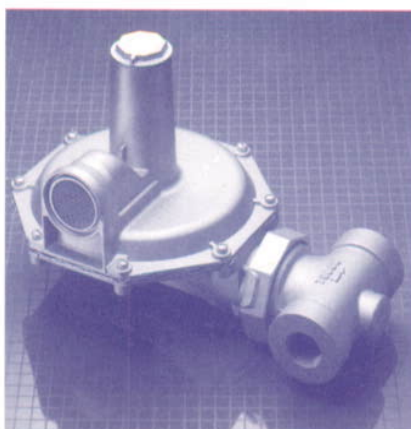
For general service on smaller loads, appropriate for use on residential service, burners, boilers, furnaces, and pilot lights.



043

Bulletin R1300

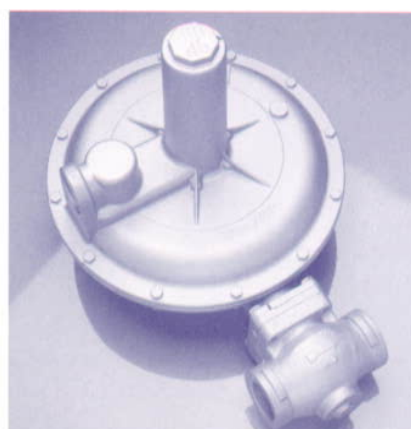
3/8", 1/2", 3/4", and 1" pipe sizes
Inlet pressuresto 125 psi
Outlet pressures 3-1/2" w.c. to 2 psi
Capacity to 1000 SCFH
Also available with internal relief valve
and angle body. Features interchangeable
orifices.



143-80

Bulletin R1301

3/4", 1", and 1-1/4" pipe sizes
360° diaphragm case mounting
Inlet pressuresto 125 psi
Outlet pressures 3-1/2" w.c. to 6 psi
Capacity to 2000 SCFH
Also available: internal relief valve and
low pressure cut-off. The 143-6 model
w/4 bolt connection and straight or
angle body is also available with internal
relief valve. Both feature interchange-
able orifices.



243

Bulletin R1306

1-1/4", 1-1/2", and 2" pipe sizes
Inlet pressuresto 125 psi
Outlet pressures 3-1/2" w.c. to 10 psi
Capacity to 25,000 SCFH
Also available: internal relief valve, low
pressure cut-off, back pressure, relief
valve, vacuum regulator, vacuum breaker
regulator and pilot operation. Features
interchangeable orifices.

PLEASE CONTACT YOUR EQUIMETER AUTHORIZED UTILITY DISTRIBUTOR FOR ADDITIONAL INFORMATION.

For additional information on these products, or any others in Equimeter's full line of gas products, which includes meters, instrumentation for gas meters, and pressure regulation products, please contact your Authorized Equimeter Utility Distributor.



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