In Accordance with COMAR 20.55.05.02 and COMAR 20.25.01.04-1A(2)

Diaphragm Meters - Aluminum Case

Current Manufacturer	Prior Manufacturer
American Meter Company	American, Singer
Models: 80B AL-175 5B-225 250B AC-250	AL-250 AL-425 500B AL-600 AC-
630 AL-800 AL-1000 AL-1400 AL-2300 AI	L-5000 AR-250 AC-800
Temperature Compensated Models: AL-175	AL-250 AL-425 5B-225 AR-250
ARKLA	
Model: V250	
Dresser	
Model D800	
Equimeter	Rockwell
Model: RX250	
Temperature Compensated Model: RX-2507	ГС
Rockwell International	EMCO (Pittsburgh)
Models: 0 and 00	
Rockwell International	Rockwell
Models: 150 175 R175 R200 RT210 R230 2	50 R275 310 415 750 1000 1600 3000
5000 10,000	
Actaris U.S. Gas	
Model: Gallus 2000. Indoor installation for s	ubmetering only
Actaris U.S. Gas	
Models: METRIS-250	
"A" Series Models: 400A 675A 800A 1000A	A
Itron	Actarias US Gas, Sprague
Models: 1A 175 240 250 305 400 675 1000	175RM; I-250
Temperature Compensated Models: 175 and	250
Sensus	Rockwell
Model R-275	
Superior (Defunct)	
Models: AL175A AL250 AL340	
Universal Lancaster National	
Model: UL250	
Westinghouse-ABB	
Model: G-2	

Diaphragm Meters - Iron Case

Current Manufacturer	Prior Manufacturer
American Meter Company	American, Singer
Models: 5B 10B 20B 25B 30B 35B 60B 80B 250B	500B DU-5000
American Meter Company	Metric, Singer
Models: 5B 10B 20B 25B 30B 35B 60B 80B 250B	500B
Rockwell International	EMCO (Pittsburgh)
Models: 0 2 2-1/2 3 4 4-1/2(steel) 5(steel)	
Sprague Meter Division of Textron, Inc.	
Models: 1A 1D 2 3 4 5 250	

Diaphragm Meters - Tin Steel Case

Current Manufacturer	Prior Manufacturer
American Meter Company	Accurate, Singer
Models: 5-225 5T-225	
American Meter Company	American, Singer
Models: 5B 5M 5T 10A 10B 10M 11C 20A 20B 25C 30A 30B 30M 40C 60A 60B	
60C 60M 100B 150A 200B	
American Meter Company	Lambert, Singer
Models: 5B 10A 10B	
American Meter Company	Maryland, Singer
Models: 5B 10B 11C 20B 30B 40C 60B 60C 10	00B 200B
American Meter Company	Tufts, Singer
Model: 5B	
Rockwell International	EMCO (Pittsburgh)
Models: 5-200 5B 10A	
Rockwell International	Rockwell
Models: 5-80 5-200 5-300 10-425	
Superior (Defunct)	
Models: 5A 5AA 5B 5T 10A 10B 11C 20A 20B 30A 40C 60A 60C	

Rotary Meters - Aluminum Case

Current Manufacturer	Prior Manufacturer
American Meter Company	American, Singer
Models: CVM 3.5M125 CVM 5.3M125 CVM 11M12	25
American Meter Company	
Models: RPM 9.0C RPM 1.5M RPM 3.5M RPM 5.5M RPM 7.0M RPM 11.0M	
RPM 16.0 M	
These models are approved for use with or without a counter, mechanical temperature	
compensator, and electronic temperature compensator	r.
Dresser Measurement Division, Dresser Industries, Inc.	Dresser
Models: 1.5M125 3M125 5M125 7M125 11M125 16M125	
Dresser Measurement Division, Dresser Industries, Inc.	Roots
Series B3 models are approved for use with any combination of Counter Version, Instrument	
Drive, Temperature Compensated, and Solid State Pulser.	
Series B3 Models: 8C175 11C175 15C175 2M175 3M175 5M175 7M175 11M175	
16M175 23M175 23M232 4 inch 38M175	
Romet	
Models: RM2000 RM3000 RM5000 RM7000 RM11000	

Rotary Meters - Cast Iron Case

Current Manufacturer	Prior Manufacturer	
Dresser Measurement Division, Dresser Industries, Inc.	Roots - Connersville	
Models: 3-1/2x10 4x12 5x10 5x15 6x18 8x12 8x24 10x30 12x18		
Dresser Measurement Corporation	Roots	
Model: Meter #4		
Dresser Measurement Division, Dresser Industries, Inc.	Dresser	
Models: 1.5M125 3M125 5M125 7M125 11M125 16M125 23M125 38M125 56M125		
102M125		
Rockwell International	Rockwell	
Roto Seal Models: R-3 R-5 R-8		
Elster		
American RABO Rotary Meter		

Turbine Meters

Current Manufacturer	Prior Manufacturer
American Meter Company	American, Singer
Models: GT 125 4" (4 GT-16M) GT 125 6" (6 GT-30M) GT 125 8" (8 GT-60M)	
Daniel Measurement & Control	
Models: Mini-Gas Turbine Meter (1", 2", 3") Gas Turb	oine Meter (4", 6", 8", 12")
Dresser Measurement Division, Dresser Industries, Inc.	Roots - Connersville
Model: 8C125	
Invensys Energy Metering Auto-Adjust Turbo-Meter	
4", 6", 8", and 12"	
Rockwell International	Rockwell
Mark I Models: 6"T-30 8"T-60	
Mark II Models: 4"T-18 6"T-30 8"T-60 12"T-140	

Ultrasonic Gas Meters

Current Manufacturer	Prior Manufacturer
Sensus Metering System	Invensys Energy Metering
Models: Sonix 215, 600, 880, 2000	

Fluid Oscillation Meters

Current Manufacturer	Prior Manufacturer
Actaris U.S. Gas	
Models: FM2-1M, FM2-1.5M, FM2-2M, FM2-3M, FM2-5M,	
FM2-7M, FM2-11M, FM3-7M, FM3-11M, FM3-16M, FM3-	
23M, FM3-38M, FM3-56M	
Approved versions: Basic (uncorrected), ETC (temperature	
compensated), PTZL (Pressure, Temperature, and Z	
compensated) or Mini Max (integral Mercury Mini Max	
corrector)	

Orifice Metering Systems

Orifice metering is approved for billing purposes, provided that the requirements listed below are met and the utility submits an acceptable In-Service Performance Plan to the Commission's Engineering Division.

Acceptable Engineering Standards:

- ✓ American Gas Association Report No. 3: Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids, Part 1: General Equations and Uncertainty Guidelines
- ✓ American Gas Association Report No. 3, Part 2: Specification and Installation Requirements
- ✓ American Gas Association Report No. 3, Part 3: Natural Gas Application

Applicability:

Orifice meters shall be permissible in applications where the uncertainty of the orifice meter is less than 1.0% for all historical and/or expected sustained demand levels of gas flow. The uncertainty of the orifice meter shall be calculated as specified by the American Gas Association Report Number 3 (AGA 3), Part 1. The utility must demonstrate the uncertainty calculation result is less than 1.0% for all expected sustained demand levels of flow. To ensure the uncertainty requirements are met across the expected flow range, a stacked differential pressure transducer arrangement may be used.

Installation and Specifications:

Each orifice meter installation shall meet the geometrical, dimensional, and installation requirements as specified by the AGA 3, Part 2 standard in effect at the time of construction. Note that earlier editions of AGA 3 may have requirements that affect the uncertainty of the orifice meter adversely, resulting in greater uncertainty. Therefore, the AGA 3, Part 2 edition number must be greater than or equal to the AGA 3, Part 1 edition number used to calculate uncertainty.

Calculation of flow through the orifice meter shall be performed as specified by AGA 3 using "real-time data" for differential pressure, static pressure, and flowing temperature. Specific gravity shall be measured and representative of the gas flowing through the orifice meter. Orifice bore diameter and meter tube diameter shall be used in calculating flow as specified by AGA 3.

Pressure And/Or Temperature Correcting Devices

Current Manufacturer	Prior Manufacturer
American Meter Company	
BP30 (0-1 lbs 0-5 lbs 0-15 lbs 0-30 lbs) BP60 (0-45 lbs) BP78 (0-60 lbs)
BP120 (0-100 lbs) BP300 (0-250 lbs)	
BPICI: 0-5 Bellows 0-5 Bourdon Tube 0-15 0-4	45 0-60 0-100 1-150 0-300
BVI: 120 (0-100) 300 (0-250)	
BVI CI: 0-100 0-150	
American Meter Company	Eagle Research Corp.
Electronic Flow Corrector AE 2000 EFC (RTU	U I
AE5000 EFC Electronic Flow Computer	,
AE5000 EC Electronic Corrector	
AE5000 EPR Electronic Pressure Recorder	
Dresser Measurement Division, Dresser Industries,	Inc. Roots
Volume Temperature Compensator	
Volume Correction Computer	
Dresser ES3 Electronic TC Index	
Equimeter, Inc.	
Nex Corr Base Volume Corrector	
Eagle Research Corporation	
MPplus Volume Corrector/Pressure Recorder	
Honeywell	
EC350 PIZ Gas Volume Corrector	
Mercury Instruments	
Mercury Mini-Max Electronic Volume Correct	or
Mercor Mini-AT Electronic Volume Corrector	
Mercor Mini-PT Electronic Volume Corrector	
Mercor EC Electronic Volume Corrector	
Mercor Mark III 0-1 0-5 0-15 0-30 0-60	
Mercury Electronic Temperature Compensating	g Index TCI
Reynolds	
In-Line Model 831 PT Electronic Volume Corr	ector 0-100 psia pressure range
RECOR 323 LVC Volume Corrector	
Rockwell International	
Electrocorrector P&T 0-25 0-50 0-100 0-200 0	-500
Electrocorrector-P 0-25 0-50	
Type I and T Emcorrector 0-10 0-20 0-50 0-100	0 0-175 0-200 0-250 0-500
Romet Limited	
Electronic Gas Pressure Corrector Model IMP-	
Electronic Gas Temperature Corrector Model A	
Electronic Gas Pressure Corrector Model AdM	E-PTZ

Recording Gauges - Pressure + Volume

Current Manufacturer	Prior Manufacturer
American Meter Company	Metric
Type PV 0-15 0-30 0-50 0-100 0-200	
Mercury	
Type PV 0-10 0-50 0-100	
Rockwell International	
Type PV 0-50 0-100	
Type PV + Time 0-50 0-100 0-250	

Recording Gauges - Pressure + Volume + Temperature

Current Manufacturer	Prior Manufacturer
Mercury	
Type PV + Temp. 0-100 Temp. 0-250 F	
Type PV + Temp. + Time 0-100 Temp. 0-250 F	

Meter Provers

American Meter Company Energy Economics Inc. Sonic Nozzle Auto Prover (SNAP) Sonic Nozzle Prover (SNP)

John Borkoski Chief Engineer