



MEDIUM & HIGH PRESSURE ROTARY GAS METERS



PERFORMANCE SPECIFICATIONS

	MEDIUM PRESSURE				HIGH PRESSURE			
	RM2000	RM3000	RM55	RM85	RM2000	RM3000	RM55	RM85
MAOP	275 psig	275 psig	20 bar	20 bar	600 psig	600 psig	40 bar	40 bar
Q _{max} Flow Rate	2000 cfh	3000 cfh	55 m ³ /h	85 m ³ /h	2000 cfh	3000 cfh	55 m ³ /h	85 m ³ /h
Counter Resolution	1 cf	1cf	0.01m ³	0.01m ³	1 cf	1cf	0.01m ³	0.01m ³
Instrument Drive Rate	10 cf	10 cf	0.1m ³	0.1m ³	10 cf	10 cf	0.1m ³	0.1m ³
LF Pulser Frequency	10 cf	10 cf	0.1m ³	0.1m ³	10 cf	10 cf	0.1m ³	0.1m ³
Mounting Flange	ANSI 150	ANSI 150	ANSI 150	ANSI 150	ANSI 300	ANSI 300	ANSI 300	ANSI 300

	<u>RM2000</u>	<u>RM3000</u>
Flow capacity Q _{MAX} (acfh)	2000	3000
Rangeability @ ± 1% error	72 : 1	81 : 1
Start flow rate (acfh)	3.7	3.8
Differential pressure @ Q _{MAX}	0.59	0.67
Maximum operating pressure (psig)	175	175
Instrument drive rate (acf/rev)	10	10
Theoretical displacement (acf/rev)	0.00797720	0.011111111
Gear ratio	1253.5714:1	900.0000:1
Impeller speed @ Q _{MAX} (rpm)	2089	2250

TYPICAL ACCURACY CURVE

