

General Description/Data:

Type	Typical measuring range ⁽²⁾		Nominal rate	Pressure rating in psig ⁽⁷⁾	Standard process connections	
	Parallel (lb/min)	Serial (lb/min)			Threaded ^(1,3)	Flanged
RHM015 ⁽⁴⁾	0.01 - 1.32 ⁽⁵⁾	0.005 - 0.66 ⁽⁵⁾	1.32	4350 (5800)	1/4" NPT	1/2" / DN15
RHM03	0.22 - 11	0.11 - 5.5	11	4350 (2175)	1/4" NPT	1/2" / DN15
RHM04	0.44 - 22	0.22 - 11.0	22	2175 (3625)	1/4" NPT	1/2" / DN15
RHM06	1.1 - 55	0.55 - 27.5	44	5510 (2755)	1/2" NPT	1" / DN25
RHM08	2.3 - 110	1.15 - 55	110	4205 (13050)	1/2" NPT	1" / DN25
RHM12	4.5 - 220	2.25 - 110	165	2755 (4205)	3/4" NPT	1" / DN25
RHM15	9 - 440	4.5 - 220	330	2175 (4350)	3/4" NPT	1" / DN25
RHM20	13 - 660	6.5 - 330	660	1595 (3260)	1" NPT	2" / DN50
RHM30	33 - 1650	16.5 - 825	1322	1885 (5800)	--	2" / DN50
RHM40	66 - 3300	33 - 1650	2756	1770 (3625 ⁽⁶⁾)	--	3" / DN80
RHM60	130 - 6610	65 - 3305	5512	1450 (2900 ⁽⁶⁾)	--	4" / DN100
RHM80	350 - 17635	175 - 8820	11025	1450 (2320 ⁽⁶⁾)	--	6" / DN150
RHM100	530 - 26455	--	22050	1450 (3190 ⁽⁶⁾)	--	8" / DN200
RHM160	1100 - 55115	--	50715	580 (870 ⁽⁶⁾)	--	12" / DN300

- (1) ISO G threads available
- (2) Typical range for standard meter. Special ranges available
- (3) Different sizes available
- (4) Types RHM007 / 01 replaced by RHM015
- (5) Optional fine tuning: parallel 0.005 - 1.32 lb/min serial 0.0025 - 0.66 lb/min
- (6) Maximum pressure rating of tube.
- (7) Pressure rating (in brackets) refers to optional heavy duty or special versions

For the selection of the most suitable meter for your application, including assessment of pressure drop, please contact us with full process details.

Accuracy:

Standard Models	
Range 1:20	±0.20% of rate or better
Range 1:50	±0.50% of rate or better
Repeatability	Better than ±0.10% of rate
Optional Gold Line Models fine tuned to your application	
Range 1:10	±0.10% of rate or better*
Range 1:20	±0.12% of rate or better*
Repeatability	Better than 0.05% of rate*

*Not all models are available with optional Gold Line performance – please consult factory

Accuracy and Repeatability (including zero drift) are stated at a reference condition of H₂O, 14.7psig, 68°F. Range is turn down from nominal flow rate. Optional special calibration and fine tuning for enhanced accuracy in customer specified ranges (including low flow) is available.

General Technical Specifications:

Pressure rating	Ratings stated in the table above refer to meter tubes up to 120°C / 248°F. Pressure ratings are lower for meters with higher temperature range. Most meters are available with higher pressure ratings – please consult factory for details.			
Temperature range	RHM type	Temp. in °F	Temp. in °C	Temp. Class (for EEX ia IIC version)
Normal	NT	-4 to +248	-20 to +120	T4 – T6
Extended 1	ET1	-328 to +122	-200 to +50	T6 (Ex approval for T> -45°C only)
Extended 2	ET2	-49 to +410	-45 to +210	T2 – T3
High	HT	32 to 662	0 to 350	T1 – T3
Very high	VHT	32 to 752	0 to 400	No EEx approval
Wetted materials parts	Standard material of construction is 316Ti / 1.4571 Stainless Steel. Optional materials include Hastelloy, Tantalum, Monel and Inconel. Consult factory for others. PTFE is used in meters requiring seals.			

The above tables are a summary of the standard meter range. Special and custom version meters are available on request. All hazardous area meters carry ATEX and/or CSA/NRTL approvals. All standard versions comply with EU PED and ASME standards.