



Rate-Master® Polycarbonate Flowmeter
2", 5" or 10" Scale, Interchangeable Bodies

Models Select Chart

Series RMA - 2" Scale

EXAMPLE	RMA	1	APF	Series RMA-1-APF Rate-Master® Flowmeter, 2" Scale, range .05-.5 SCFH air, with adjustable pointer flag.
SERIES	RMA			Rate-Master® Flowmeter, 2" Scale
RANGE		1		.05-.5 SCFH Air
		2		.1-1 SCFH Air
		3		.2-2 SCFH Air
		4		.5-5 SCFH Air
		5		1-10 SCFH Air
		6		2-20 SCFH Air
		7		5-50 SCFH Air
		8		10-100 SCFH Air
		9		15-150 SCFH Air
		10		20-200 SCFH Air
		151		5-50 cc/min Air
		150		10-100 cc/min Air
		11		30-240 cc/min Air
		12		50-500 cc/min Air
		13		100-1000 cc/min Air
		14		200-2500 cc/min Air
		15		400-5000 cc/min Air
		16		1000-10000 cc/min Air
		26		.5-5 LPM Air
		21		1-10 LPM Air
	22		2- 25 LPM Air	
	23		5-50 LPM Air	
	24		5-70 LPM Air	
	25		10-100 LPM Air	
	32		5-50 cc/min Water	
	33		10-110 cc/min Water	

		34		20-300 cc/min Water
		42		1-11 GPH Water
		43		2-24 GPH Water
		44		4-34 GPH Water
		45		5-50 GPH Water
OPTIONS			APF	Adjustable Pointer Flag
			ARB	Arbitrary Scale (no units)
			AT	Aluminum Tag
			BO	Body Only
			BOV	Body Only Valve Unit
			BV	Brass Valve
			NIST	NIST Traceable Calibration Certificate
			SPCL	Special Cleaning
			SSV	Stainless Steel Valve
			TMV	Top Mounted Valve
			VIT	Fluoroelastomer O-rings
		WL	Without Logo	

Series RMB - 5" Scale

EXAMPLE	RMB	49	BPF	Series RMB-49-BPF Rate-Master® Flowmeter, 5" Scale, range .5-5 SCFH air, with adjustable pointer flag.
SERIES	RMB			Rate-Master® Flowmeter, 5 " Scale
RANGE		49		.5-5 SCFH Air
		50		1-10 SCFH Air
		51		2-20 SCFH Air
		52		5-50 SCFH Air
		53		10-100 SCFH Air
		54		20-200 SCFH Air
		55		40-400 SCFH Air
		56		50-500 SCFH Air
		57		60-600 SCFH Air
		82		1-12 GPH Water

		83		1-20 GPH Water
		84		4-40 GPH Water
		85		10-100 GPH Water
		50D		1.2-10 SCFH & 0.6-5 LPM Air
		51D		3-20 SCFH & 1.5-9.5 LPM Air
		52D		4-50 SCFH & 2-23 LPM Air
		53D		10-100 SCFH & 5-50 LPM Air
		54D		20-200 SCFH & 10-95 LPM Air
		82D		1-12 GPH & 0.06-0.76 LPM Water
		83D		1-20 GPH & 0.065-1.25 LPM Water
		85D		10-100 GPH & 0.5-6.2 LPM Water
OPTIONS		ARB		Arbitrary Scale (no units)
		AT		Aluminum Tag
		BO		Body Only
		BOV		Body Only Valve Unit
		BPF		Adjustable Pointer Flag
		BV		Brass Valve
		NIST		NIST Traceable Calibration Certificate
		SPCL		Special Cleaning
		SSV		Stainless Steel Valve
		VIT		Fluoroelastomer O-rings
	WL		Without Logo	

Series RMC - 10" Scale

EXAMPLE	RMC	101	CPF	Series RMC-101-CPF Rate-Master® Flowmeter, 10" scale, range 5-50 SCFH air, with adjustable pointer flag.
SERIES	RMC			Rate-Master® Flowmeter, 10" Scale
RANGE		101		5-50 SCFH Air
		102		10-100 SCFH Air
		103		20-200 SCFH Air
		104		40-400 SCFH Air

		105	60-600 SCFH Air
		106	100-1000 SCFH Air
		107	120-1200 SCFH Air
		108	200-1800 SCFH Air
		121	1-10 SCFM Air
		122	2-20 SCFM Air
		123	3-30 SCFM Air
		134	2-20 GPH Water
		135	8-90 GPH Water
		141	.1-1 GPM Water
		142	.2-2.2 GPM Water
		143	.4-4 GPM Water
		144	.8-7 GPM Water
		145	1.2-10 GPM Water
OPTIONS		ARB	Arbitrary Scale (no units)
		AT	Aluminum Tag
		BO	Body Only
		BOV	Body Only Valve Unit
		BV	Brass Valve
		NIST	NIST Traceable Calibration Certificate
		CPF	Adjustable Pointer Flag
		SPCL	Special Cleaning
		SSV	Stainless Steel Valve
		VIT	Fluoroelastomer O-rings
	WL	Without Logo	

Accessories

Model	Description
RKA	Regulator kit for RMA or VFA.
RK-RMB	Regulator kit for RMB.
100042-00	Optional pointer flag, for RMA flowmeter.
100043-00	Optional pointer flag, for RMB flowmeter.
100044-00	Optional pointer flag, for RMC flowmeter.

Specifications:-	
Service	: Compatible gases and liquids.
Wetted Materials	: Body: Polycarbonate; O-ring: Neoprene and Buna-N; Metal parts: SS (except for optional brass valve); Float: SS, black glass, aluminum, K monel, tungsten carbide depending on range.
Temperature Limit	: 130°F (54°C).
Pressure Limit	: 100 psi (6.9 bar).
Accuracy	: RMA: 4%; RMB: 3%; RMC: 2% of FS.
Process Connection	: RMA: 1/8"; RMB: 1/4"; RMC: 1/2" female NPT.
Weight	: RMA: 4 oz (113.4 g); RMB: 13 oz (368.5 g); RMC: 39 oz (1105.6 g).
Agency Approvals	: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).
CAUTION	: Dwyer® Rate-Master® flowmeters are designed to provide satisfactory long term service when used with air, water, or other compatible media. Refer to factory for information on questionable gases or liquids. Caustic solutions, anti-freeze (ethylene glycol) and aromatic solvents should definitely not be used.