

Control Panel Regulators

- Modular design for service & interchangeability
- Non-rising adjustment knob with push-pull lock ring feature
- Small package size and light weight construction
- Competitively priced



MA13

MA14

MA15

MA17

Filters

Port Size	1/8, 1/4" NPT	1/4, 3/8" NPT	1/4, 3/8, 1/2" NPT	3/4, 1" NPT
Filtration (micron)	5μ, 25μ, 50μ	5μ, 25μ, 50μ	5μ, 25μ, 50μ	5μ, 25μ, 50μ
Maximum Supply Pressure	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl
Temperature Range*	41°–120°F (140°F metal bowl) 5°–50° C (60°C metal bowl)	41°–120°F (140°F metal bowl) 5°–50° C (60°C metal bowl)	41°–120°F (140°F metal bowl) 5°–50° C (60°C metal bowl)	41°–120°F (140°F metal bowl) 5°–50° C (60°C metal bowl)
Drain	Manual / Semi-Auto	Manual / Semi-Auto / Auto	Manual / Semi-Auto / Auto	Manual / Semi-Auto / Auto
Bowl Capacity oz (ml)	0.3 oz (9 ml)	1.1 oz (32 ml) Standard, 1.2 oz (35ml) AD, 2.2 oz (64ml) metal	1.5 oz (44 ml) Standard, 2.2 oz (65ml) AD, 3.1 oz (90ml) metal	5.6 oz (165 ml)
Flow (based on 85 psi inlet pressure with 40 micron filter)	15, 28 SCFM (425, 800 lpm)	27, 78 SCFM (765, 2250 lpm)	29, 76, 123 SCFM (815, 2185, 3500 lpm)	175, 228 (5000, 6500 lpm)

Regulators

Max. Supply Pressure	225 PSI (15.5 bar)	225 PSI (15.5 bar)	225 PSI (15.5 bar)	225 PSI (15.5 bar)
Flow Capacity at 100 PSIG (6.9 BAR)	11,21 SCFM (315, 600 lpm)	61,87 SCFM (1750, 2500 lpm)	80,118, 140 SCFM (2280, 4764, 4000 lpm)	175, 228 SCFM (5000, 6000 lpm)
Output Pressure Ranges	0-10 psig (0-0.69 BAR)	0-10 psig (0-0.69 BAR)	0-10 psig (0-0.69 BAR)	0-10 psig (0-0.69 BAR)
	3-30 psig (0-2.1 BAR)	3-30 psig (0-2.1 BAR)	3-30 psig (0-2.1 BAR)	3-30 psig (0-2.1 BAR)
	3-60 psig (0-4.1 BAR)	3-60 psig (0-4.1 BAR)	3-60 psig (0-4.1 BAR)	3-60 psig (0-4.1 BAR)
	7-140 psig (0-9.6 BAR)	7-140 psig (0-9.6 BAR)	7-140 psig (0-9.6 BAR)	7-140 psig (0-9.6 BAR)
Temperature Range	41°–140° F / 5°–60° C	41°–140° F / 5°–60° C	41°–140° F / 5°–60° C	41°–140° F / 5°–60° C
Port Size	1/8, 1/4" NPT	1/8, 3/8" NPT	1/8, 3/8, 1/2" NPT	3/4, 1" NPT
Mounting Options	Pipe, Panel or Bracket	Pipe, Panel or Bracket	Pipe, Panel or Bracket	Pipe, Panel or Bracket

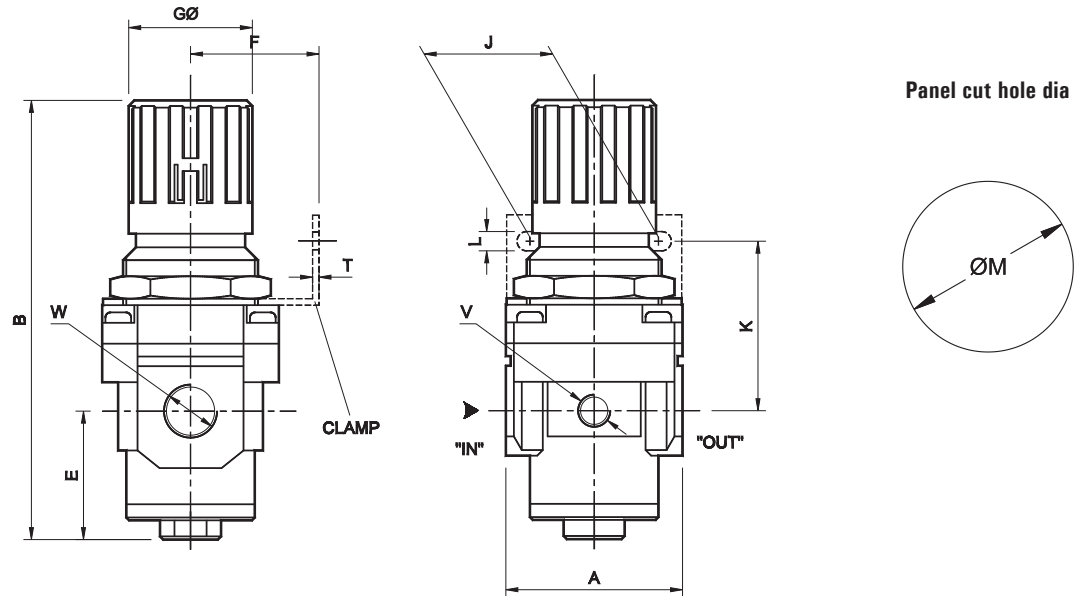
Filter-Regulators

Port Size	1/8, 1/4" NPT	1/4, 3/8" NPT	1/4, 3/8, 1/2" NPT	3/4, 1" NPT
Filtration (micron)	5μ, 25μ, 40μ	5μ, 25μ, 40μ	5μ, 25μ, 40μ	5μ, 25μ, 40μ
Maximum Supply Pressure	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl	140 PSI (10 BAR)/ 280 PSI (20 BAR) with metal bowl
Temperature Range*	41°–120°F (140°F metal bowl) 5°–50° C (60° C metal bowl)	41°–120°F (140°F metal bowl) 5°–50° C (60° C metal bowl)	41°–120°F (140°F metal bowl) 5°–50° C (60° C metal bowl)	41°–120°F (140°F metal bowl)
Drain	Manual / Semi-Auto	Manual / Semi-Auto / Auto	Manual / Semi-Auto / Auto	Manual / Semi-Auto / Auto
Bowl Capacity oz (ml)	0.3 oz (9 ml)	1.1 oz (32 ml) Standard, 1.2 oz (35ml) AD, 2.2 oz (64ml) metal	2.2 oz (65ml) AD, 3.1 oz (90ml) metal	5.6 oz (165 ml)
Output Pressure Ranges	0-10 psig (0-0.69 BAR)	0-10 psig (0-0.69 BAR)	0-10 psig (0-0.69 BAR)	0-10 psig (0-0.69 BAR)
	3-30 psig (0-2.1 BAR)	3-30 psig (0-2.1 BAR)	3-30 psig (0-2.1 BAR)	3-30 psig (0-2.1 BAR)
	3-60 psig (0-4.1 BAR)	3-60 psig (0-4.1 BAR)	3-60 psig (0-4.1 BAR)	3-60 psig (0-4.1 BAR)
	7-140 psig (0-9.6 BAR)	7-140 psig (0-9.6 BAR)	7-140 psig (0-9.6 BAR)	7-140 psig (0-9.6 BAR)
Flow (based on 100 psi inlet pressure with 40 micron filter)	8.8, 19.3 SCFM (250, 550 lpm)	25, 63 SCFM (725, 1800 lpm)	32, 81, 105 SCFM (915, 2300, 3000 lpm)	210 SCFM (6000 lpm)/ 228 SCFM (6800 lpm) STD, metal/ 212 SCFM(6000 lpm)/ 214 SCFM(6000 lpm) AUTO

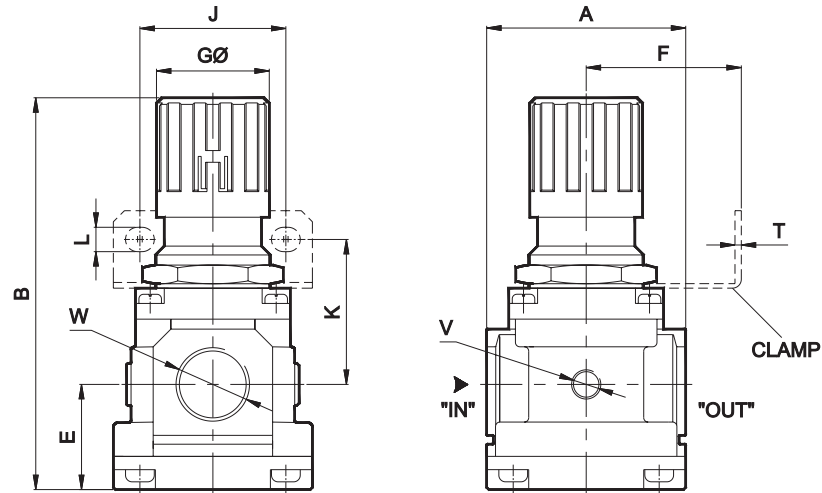
* Metal Bowls have a higher temp. range; (41°–140° F / 5°–60° C)

Regulator - Series MA

Model MA13R, MA14R, MA15R



Model MA17R

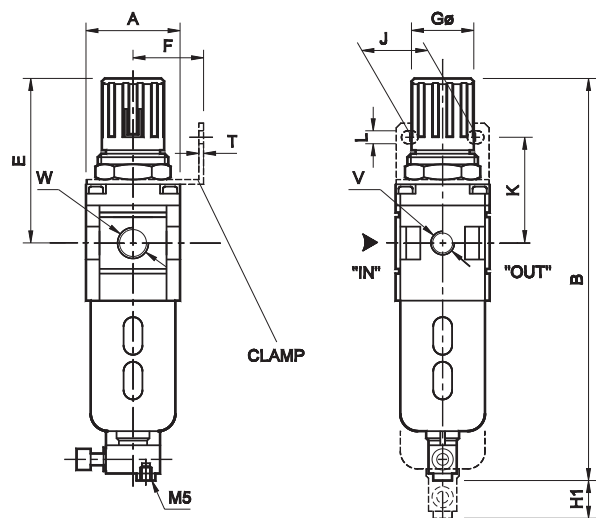


MODEL	W	V		A	B	E	F	GØ	J	K	L	T	ØM
MA13	NPT 1/8 (G1/8) NPT 1/4 (G1/4)	NPT 1/8 (G1/8)	Inch (mm)	SQ 1.575 (40)	3.189 (81)	0.512 (13)	1.181 (30)	1.102 (28)	1.102 (28)	1.771 (45)	0.216 (5.5)	0.079 (2)	1.22 (31)
MA14	NPT 1/4 (G1/4) NPT 3/8 (G3/8)	NPT 1/8 (G1/8)	Inch (mm)	SQ 2.165 (55)	5.315 (135)	1.575 (40)	1.574 (40)	1.574 (40)	1.574 (40)	2.087 (53)	0.256 (6.5)	0.079 (2)	1.693 (43)
MA15	NPT 1/4 (G1/4) NPT 3/8 (G3/8) NPT 1/2 (G1/2)	NPT 1/8 (G1/8)	Inch (mm)	SQ 2.756 (70)	6.496 (165)	1.575 (40)	1.968 (50)	2.008 (51)	2.165 (55)	2.441 (62)	0.335 (8.5)	0.079 (2)	2.087 (53)
MA17	NPT 3/4 (G3/4)	NPT 1/4 (G1/4)	Inch (mm)	SQ 3.543 (90)	6.969 (177)	1.87 (47.5)	2.756 (70)	2.008 (51)	2.598 (66)	2.560 (65)	0.433 (11)	0.197 (5)	2.087 (53)
MA17	NPT 1 (G1)	NPT 1/4 (G1/4)	Inch (mm)	SQ 3.543 (90)	6.969 (177)	1.87 (47.5)	2.756 (70)	2.008 (51)	2.598 (66)	2.560 (65)	0.433 (11)	0.197 (5)	2.087 (53)

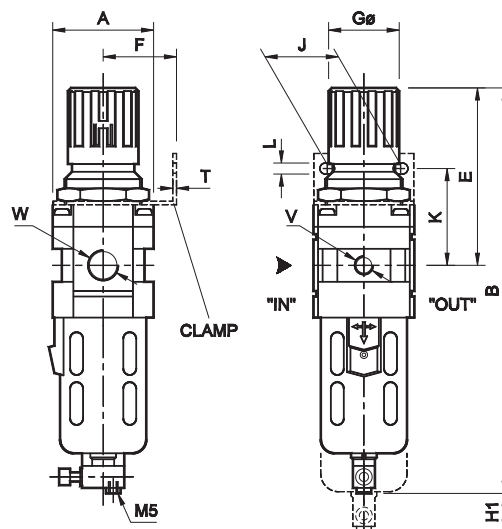
For Details of Clamp see optional accessories

Filter Regulator Combination - Series MA

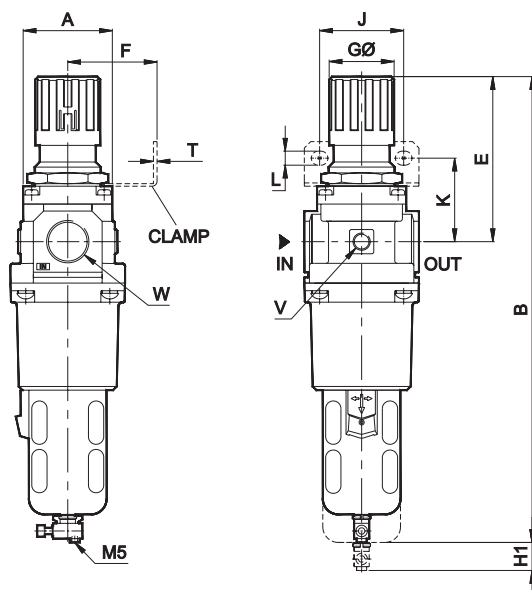
Model MA13FR



Model MA14FR, MA15FR



Model MA17FR

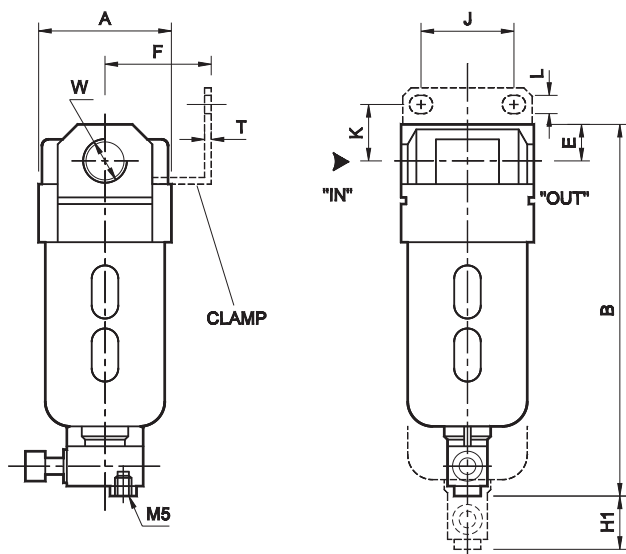


MODEL	W	V		A	B	E	F	K	GØ	J	L	T	H1
MA13	NPT 1/8 (G1/8) NPT 1/4 (G1/4)	NPT 1/8 (G1/8)	Inch (mm)	SQ 1.575 (40)	6.69 (170)	2.68 (68)	1.181 (30)	1.771 (45)	1.102 (28)	1.102 (28)	0.216 (5.5)	0.079 (2)	1.968 (50)
MA14	NPT 1/4 (G1/4) NPT 3/8 (G3/8)	NPT 1/8 (G1/8)	Inch (mm)	SQ 2.165 (55)	8.66 (220)	3.74 (95)	1.574 (40)	2.087 (53)	1.574 (40)	1.574 (40)	0.256 (6.5)	0.079 (2)	2.165 (55)
MA15	NPT 1/4 (G1/4) NPT 3/8 (G3/8) NPT 1/2 (G1/2)	NPT 1/8 (G1/8)	Inch (mm)	SQ 2.756 (70)	11.02 (280)	4.92 (125)	1.968 (50)	2.441 (62)	2.008 (51)	2.165 (55)	0.335 (8.5)	0.079 (2)	3.15 (80)
MA17	NPT 3/4 (G3/4)	NPT 1/4 (G1/4)	Inch (mm)	SQ 3.543 (90)	14.57 (370)	5.12 (130)	2.756 (70)	2.560 (65)	2.008 (51)	2.598 (66)	0.433 (11)	0.197 (5)	3.15 (80)
MA17	NPT 1 (G1)	NPT 1/4 (G1/4)	Inch (mm)	SQ 3.543 (90)	14.57 (370)	5.12 (130)	2.756 (70)	2.560 (65)	2.008 (51)	2.598 (66)	0.433 (11)	0.197 (5)	3.15 (80)

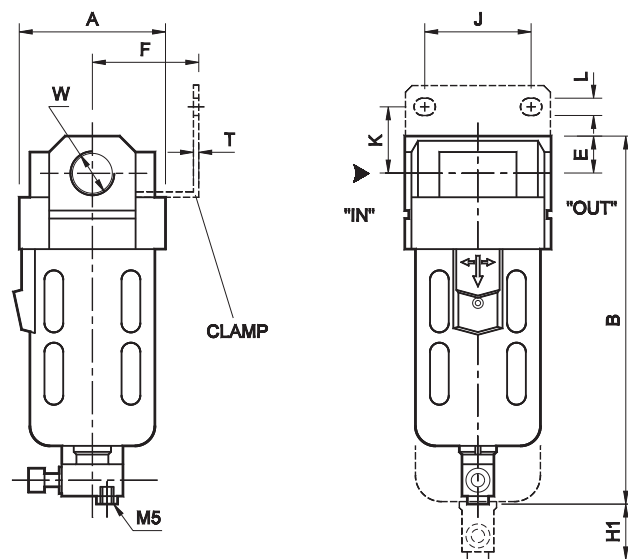
For Details of Clamp see optional accessories

Filter - Series MA

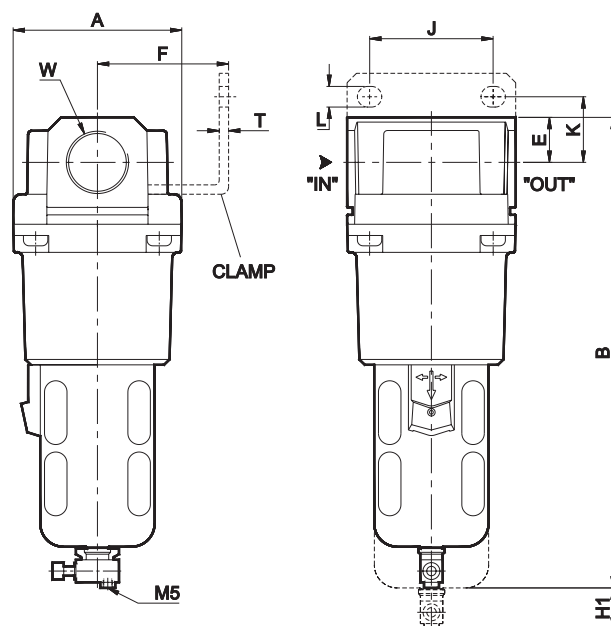
Model MA13F



Model MA14F, MA15F



Model MA17F



MODEL	W		A	B	E	K	F	J	L	T	H1
MA13	NPT 1/8 (G1/8) NPT 1/4 (G1/4)	Inch (mm)	SQ 1.575 (40)	4.449 (113)	0.43 (11)	0.59 (15)	1.181 (30)	1.102 (28)	0.216 (5.5)	0.079 (2)	1.968 (50)
MA14	NPT 1/4 (G1/4) NPT 3/8 (G3/8)	Inch (mm)	SQ 2.165 (55)	5.512 (140)	0.55 (14)	0.98 (25)	1.575 (40)	1.575 (40)	0.256 (6.5)	0.079 (2)	2.165 (55)
MA15	NPT 1/4 (G1/4) NPT 3/8 (G3/8) NPT 1/2 (G1/2)	Inch (mm)	SQ 2.756 (70)	6.772 (172)	0.71 (18)	0.98 (25)	1.968 (50)	2.165 (55)	0.335 (8.5)	0.079 (2)	3.15 (80)
MA17	NPT 3/4 (G3/4)	Inch (mm)	SQ 3.543 (90)	10.236 (260)	0.95 (24)	1.38 (35)	2.756 (70)	2.598 (66)	0.433 (11)	0.196 (5)	3.15 (80)
MA17	NPT 1 (G1)	Inch (mm)	SQ 3.543 (90)	10.236 (260)	0.95 (24)	1.38 (35)	2.756 (70)	2.598 (66)	0.433 (11)	0.196 (5)	3.15 (80)

For Details of Clamp see optional accessories