

Regulators with Air Filter / Lubricator

Regulators with Air Filter

MSFR (Regulators with Filter) **A** Accessory (MSFR only) Pressure Gauge 1 pc. Bracket 1 pc.
MSPGN1 (Pressure Gauge)

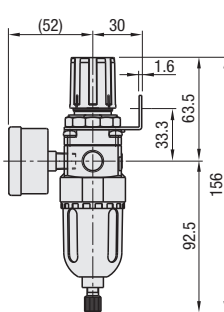
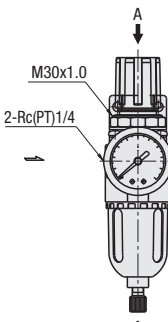


RoHS 10

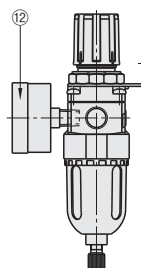
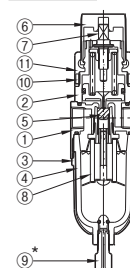
8A-S



View A



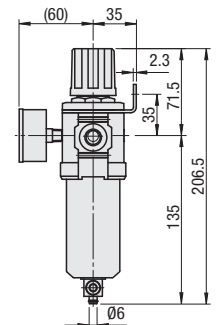
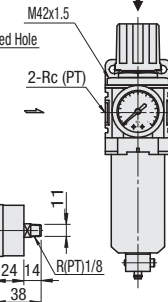
Structure Diagram



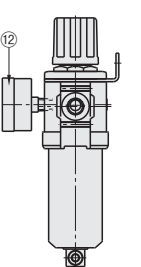
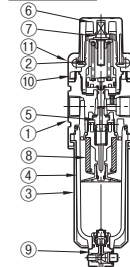
8A, 10A



View A



Structure Diagram

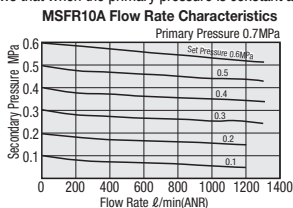
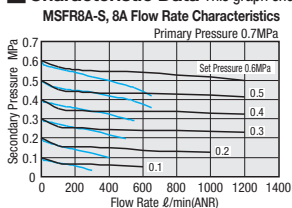


Part Number	Type	No.	Rc (PT)	Nomi. Filtration Rating (µm)	Operating Pressure (MPa)	Pressure Setting Range (MPa)	Pressure Resistance (MPa)	Ambient Temperature Range (°C)	Applicable Fluid	Mass (g)	Unit Price
MSFR		8A-S	1/4	40	0-1.0	0.05-0.85	1.5	5-60	Air	210	
		8A	3/8	5	0.05-1.0	0.05-0.85	460				
		10A	3/8	5	0.05-1.0	0.05-0.85	460				

Part Number	Unit Price
MSPGN1 (Pressure Gauge)	

* Structure Diagram ⑨ The drain valve automatically drains when the pressure becomes 0.05 MPa or less.

Characteristic Data This graph shows that when the primary pressure is constant at 0.7 MPa, the secondary set pressure drops according to the flow rate used.



Component List

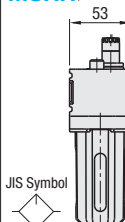
No.	Name	Material		No.	Name	Material	
		8A-S	8A, 10A			8A-S	8A, 10A
①	Main Body	ADC10		⑦	Adjusting Screw	SS400	
②	Bonnet	PBT	POM	⑧	Element	PE	
③	Case Guard	ADC12	PC	⑨	Drain Valve	C3604B	POM
④	Case	PC		⑩	Lock Nut	A6063	POM
⑤	Valve	Nitrile Rubber		⑪	Bracket	SPC	
⑥	Handle	POM		⑫	Pressure Gauge	-	

Lubricator

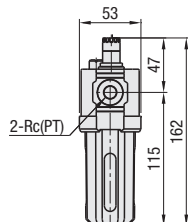


RoHS 10

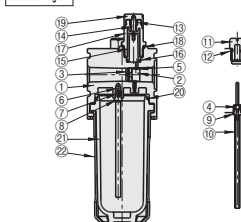
MSRR (Lubricator)



View A



Structure Diagram



Part Number	Type	No.	Rc(PT)	Operating Pressure (MPa)	Pressure Resistance (MPa)	Operating Temp. Range (°C)	Oil Capacity (cm³)	Min. Dripping Flow Rate (L/min)	Recommended Oil	Applicable Fluid	Mass (g)	Unit Price
MSRR		8A	1/4	0-1.0	1.5	5-60	55	50	Turbine Oil 1 Type (ISO VG32)	Air	270	1-4 pcs(s)
		10A	3/8	0-1.0	1.5	5-60	55	60				

① Min. Dripping Flow Rate shows the flow rate when the primary pressure is at 0.5 MPa. (ANR)

Component List

No.	Name	Material	No.	Name	Material	No.	Name	Material
①	Main Body	ADC10	⑨	Check Valve Body	C3604	⑰	Outer Dome	PC
②	Flow Guide Holder	POM	⑩	Syphon Tube	PU	⑱	Outer Dome Gasket	NBR
③	Flow Guide	NBR	⑪	Feed Plug	SS400	⑲	Handle	PC
④	Check Valve #1	SUS303	⑫	Feed Plug Gasket	NBR	⑳	Case Gasket	NBR
⑤	Holder Gasket	NBR	⑬	Needle Valve Gasket	NBR	㉑	Case	PC
⑥	Check Valve #2	SUS303	⑭	Needle Valve	C3604	㉒	Case Guard	PC
⑦	Check Valve Spring	SUS304	⑮	Inner Dome	PC			
⑧	Air Nozzle	C3604	⑯	Inner Dome Gasket	NBR			

Ordering Example
Part Number
MSFR8A-S
MSRR8A-S

Characteristic Data

This graph shows that when the primary pressure is constant, the secondary set pressure drops according to the flow rate used.

