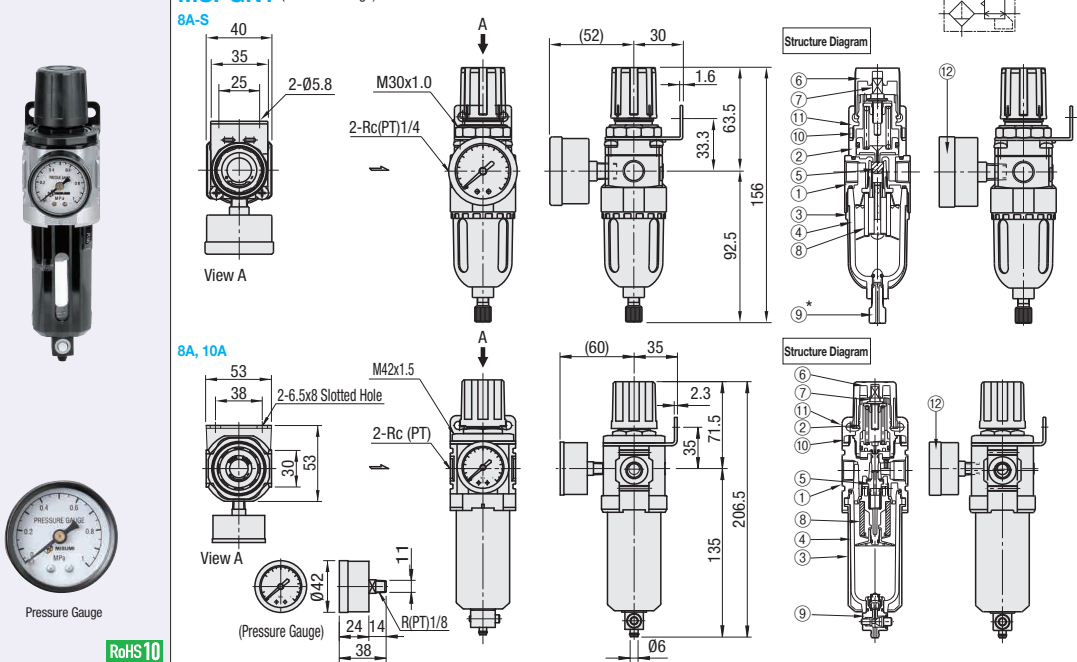


Regulators with Air Filter / Lubricator

Air Filters / Regulators for Air / Drain Traps

Regulators with Air Filter

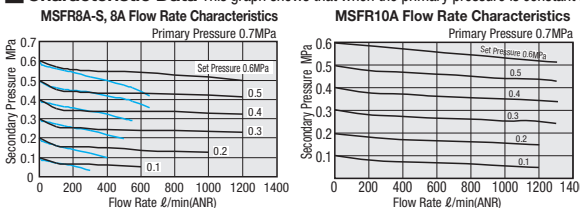
MSFR (Regulators with Filter) **Accessory** (MSFR only) Pressure Gauge 1 pc. Bracket 1 pc.
MSPGN1 (Pressure Gauge)
8A-S



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	Part Number	Unit Price
MSFR	8A-S	1/4	40	0-1.0	0.05-0.85	1.5	5-60	Air	210		MSPGN1 (Pressure Gauge)	
	8A		5	0.05-1.0					460			
	10A	3/8										

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

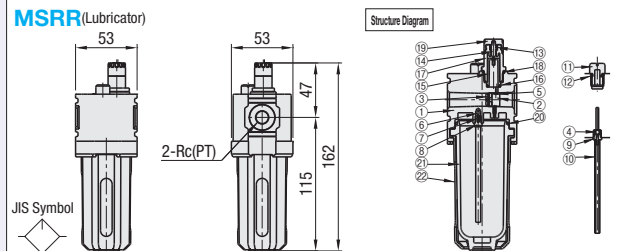
Characteristic Data This graph shows that when the primary pressure is constant at 0.7 MPa, the secondary set pressure drops according to the flow rate used.



Component List

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

Lubricator



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					60				

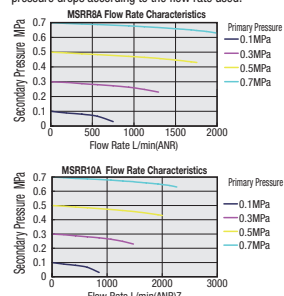
* Min. Dripping Flow Rate shows the flow rate when the primary pressure is at 0.5 MPa. (ANR)

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			

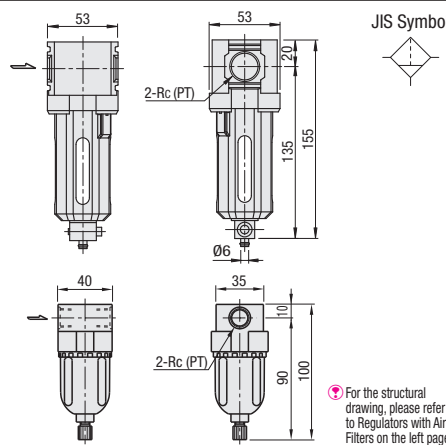
Characteristic Data

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



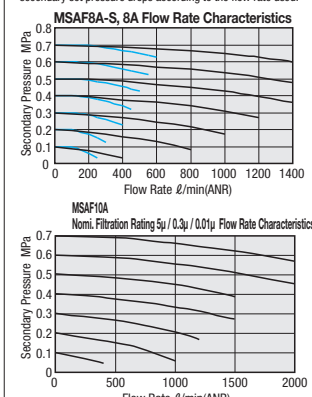
Air Filters

MSAF (Air Filters)
8A, 10A



Characteristic Data

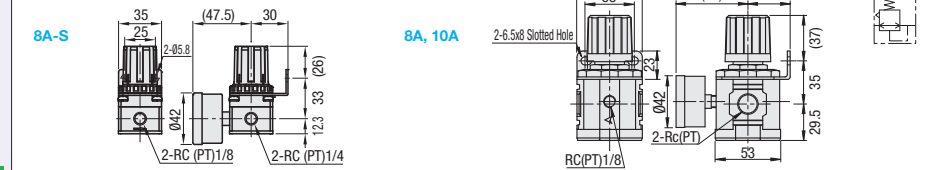
This graph shows that when the primary pressure is constant, the secondary set pressure drops according to the flow rate used.



Part Number Type	No.	Nomi. Filtration Rating Selection (µm)	Rc(PT)	Operating Pressure (MPa)	Pressure Resistance (MPa)	Ambient Temperature Range (°C)	Applicable Fluid	Mass (g)	Unit Price		
MSAF	8A-S	40	1/4	1.5	5-60	Air	140	250	270		
		0.01									
	8A	5									
		0.01									
	10A	0.3	3/8							250	270
		5									

Regulators for Air

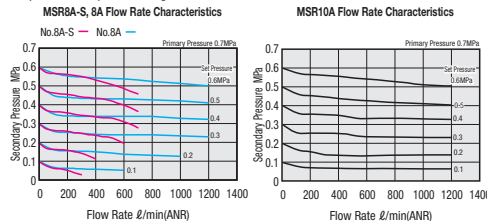
MSR (Regulators for Air) **Accessory**: Pressure Gauge 1 pc., Bracket 1 pc.
8A-S



Part Number Type	No.	Rc(PT)	Operating Pressure (MPa)	Pressure Setting Range (MPa)	Pressure Resistance (MPa)	Ambient Temperature Range (°C)	Applicable Fluid	Mass (g)	Unit Price
MSR	8A-S	1/4	0.05-1.0	0.05-0.85	1.5	5-60	Air	250	
	8A							420	
	10A	3/8							

Characteristic Data

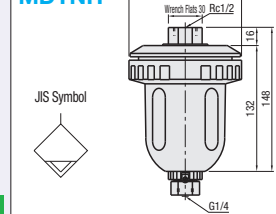
This graph shows that when the primary pressure is constant at 0.7 MPa, the secondary set pressure drops according to the flow rate used.



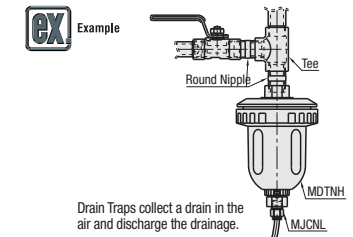
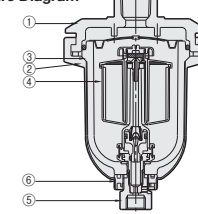
Ordering Example: Part Number - Nomi. Filtration Rating
MSAF8A-S - 40
MSR8A

Drain Traps

MDTNH



Structure Diagram



Part Number Type	No.	Unit Price
MDTNH	15A	

* Do not use this product to drain fluid with dirt, oil at the bottom of the air tank, etc.

Component List

No.	Name	Material
①	Cover	ZDC2
②	Clamp Ring	ZDC2
③	Case	PC
④	Float Assembly	-
⑤	Joint	POM
⑥	Coupling	POM

Features

* These are Float Drain Traps and no air is allowed to escape.
 * The use of a magnet ensures effective drainage.

Pneumatic Fitting	Rc1/2
Drain Outlet	G1/4
Applicable Fluid	Air, Drain
Operating Pressure	0.14-1.0MPa
Pressure Resistance	1.5MPa
Ambient Temperature	5-60°C
Discharge of Drainage	10cc/1 drain
Product Mass	0.7kg

* Drain outlet will open when operating pressure becomes 0.05MPa or less.
 * Air may leak if float becomes stuck due to foreign objects, etc. In such a case, clean the float. Do not use this product especially at the bottom of the air tank where drain with dirt is collected.