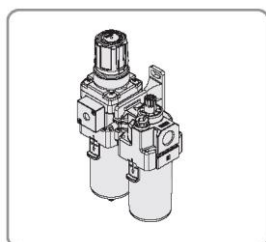


JAC *Filter, Regulator, Lubricator*

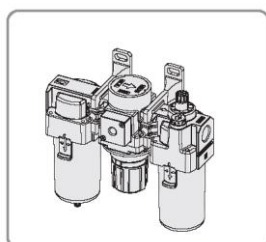
JUFAN® PRODUCT CATALOG

F.R.L



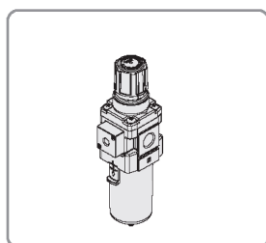
JAC□□A *2-piece Combo
Particulate Filter / Regulator
and Lubricator*

..... 019



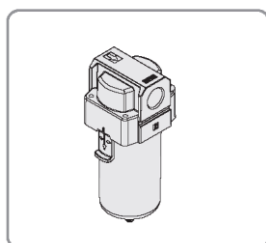
JAC *3-piece Combo
Particulate Filter, Regulator
and Lubricator*

..... 023



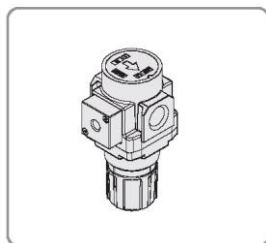
JAW *Particulate Filter / Regulator*

..... 027



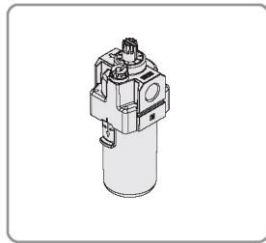
JAF *Particulate Filter*

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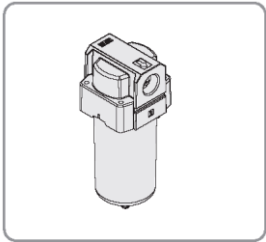
JAR *Air Pressure Regulator*

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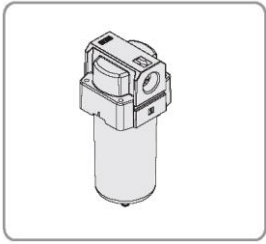
JAL *Micro-Mist Lubricator*

..... 039



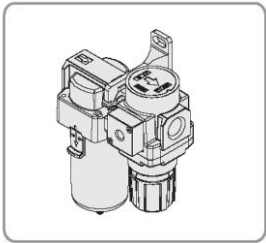
JAFM *0.3 μm
Micro-Mist Lubricator*

..... 043



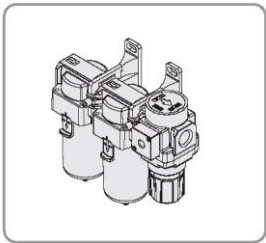
JAFD *0.01 μm
Micro-Mist Lubricator*

..... 043



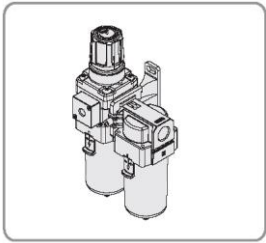
JAC□□B *2-piece Combo
Micro-Mist Lubricator
and Regulator*

..... 047



JAC□□C *3-piece Combo
Filter, Micro-Mist Lubricator
and Regulator*

..... 049



JAC□□D *2-piece Combo
Filter / Regulator and
Micro-Mist Lubricator*

..... 051

F.R.L.

**Pneumatic
valves**

**Pneumatic
cylinders**

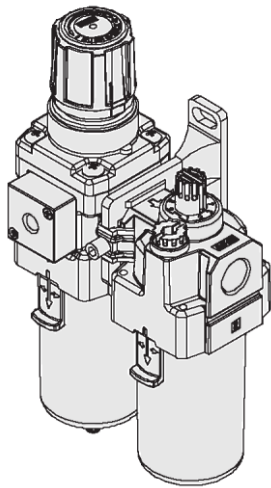
**Pneumatic
connectors**

**Magnetic
switches**

**Pressure
sensors**

Accessories

JUFAN JAC□□A 2-piece Combo Filter/Regulator & Lubricator



■ Precautions:

- To adjust filter pressure: pull the pressure adjustment knob upward, turn it clockwise to raise pressure and counter-clockwise to lower pressure, push the knob downward into place to set it afterwards. **DO NOT** turn knob forcefully or use tools when it is at its utmost position (the pressure remains intact) as it may get damaged.
- Assemble along, instead of against air flow direction. To prevent damage, secure the gauge with wrench rather than by holding its enclosure by hand.
- Transparent PC bowls are made of plastic polycarbonate material, **DO NOT** use with synthetic oil, organic solvents, chemicals, cutting oil, volatile gases, and in environments with these materials to prevent unsafe use due to material damage.
- **DO NOT** place product in areas with shock and heavy vibration; avoid outdoor locations with chemicals and corrosive air environment.
- Secure the device in correct direction (bowl bottom pointing downward) to ensure best product performance.
- **DO NOT** remove PC bowl during operation and use in order to prevent danger; lock PC bowl in position by pressing the latch into place before using it for air supply.

How to order

JAC	30	A		03		E		B
F.R.L.	MODEL	OPTION	THREAD	PORT	AUTO DRAIN	ATTACHMENTS	BOWL	CODE
	20 PORT: 1/8,1/4 30 PORT: 1/8,3/8 40 PORT: 1/4,3/8,1/2	2-PIECE COMBO	BLANK RC Thread NPT G	01 1/8 02 1/4 03 3/8 04 1/2	BLANK: Without auto drain D N.O. Float type auto drain	BLANK: Without pressure gauge E Square embedded pressure gauge G Round type pressure gauge E1 Digital pressure switch NPN, 2m wire E2 Digital pressure switch NPN output, with mount E3 Digital pressure switch PNP output, 2m wire E4 Digital pressure switch PNP output, with mount	BLANK: Polycarbonate bowl body 6 Nylon bowl body	

Note 1: N.O. Float type auto drain; without pressure, condensing water discharging

JUFAN JAC□□A 2-piece Combo Filter/Regulator & Lubricator



Specifications

Type	JAC20A-B	JAC30A-B	JAC40A-B
Port size	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2
Pressure gauge port size [JAW] (Note 1)	1/8		
Fluid	Air		
Ambient and fluid temperature (Note 2)	-5~60 (with no freezing)		
Proof pressure	1.5 MPa		
Maximum operating pressure	1.0 MPa		
Set pressure range [JAW]	0.05~0.85 MPa		
Regulator construction [JAW]	Relieving type		
Nominal filtration rating [JAW]	5 μm		
Bowl material [JAF/JAL]	Polycarbonate		
Bowl guard [JAW/JAL]	Steel belt	Standard (Polycarbonate)	
Mass (kg)	0.35	0.66	1.2

(Note 1) Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

(Note 2) -5~50°C for the products with the digital pressure switch:

How to order

JAC	30	E	B
F.R.L.	MODEL	OPTION	ATTACHMENTS
	20	B1 Filter & Lubricator mount	E Square embedded pressure gauge
	30	B2 Regulator & Filter mount	E1 Digital pressure switch NPN, 2m wire
	40	C1 PC bowl without auto drain valve	E2 Digital pressure switch NPN output, with mount
		C2 PC bowl with auto drain valve	E3 Digital pressure switch PNP output, 2m wire
		C3 PC bowl with oil cup	E4 Digital pressure switch PNP output, with mount
		C4 Nylon bowl without auto drain valve	F1 5μm filter
		C5 Nylon bowl with auto drain valve	F2 0.3μm filter
		C6 Nylon cup unit With oil cup	F3 0.01μm filter
		D Diaphragm valve	G Round type pressure gauge
			With bracket & spacer
			Y1 
			With spacer
			Y2 

Note: This parts order list applies to all products of JAC series

F.R.L.

Pneumatic valves

Pneumatic cylinders

Pneumatic connectors

Magnetic switches

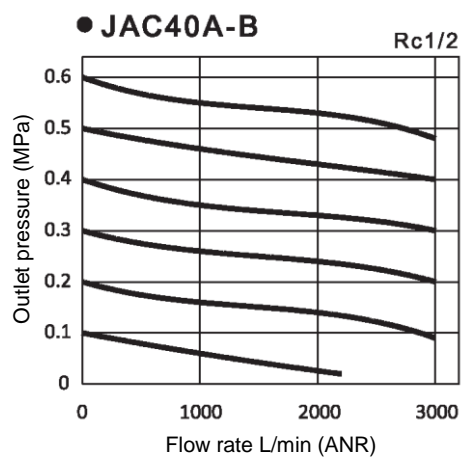
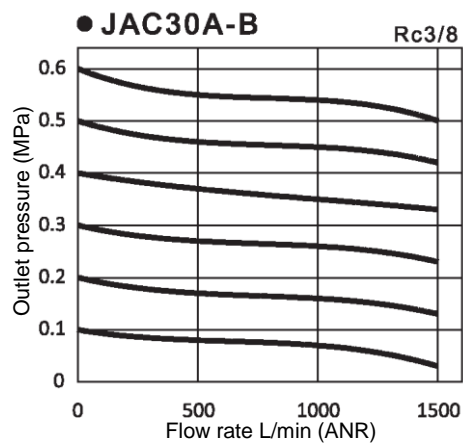
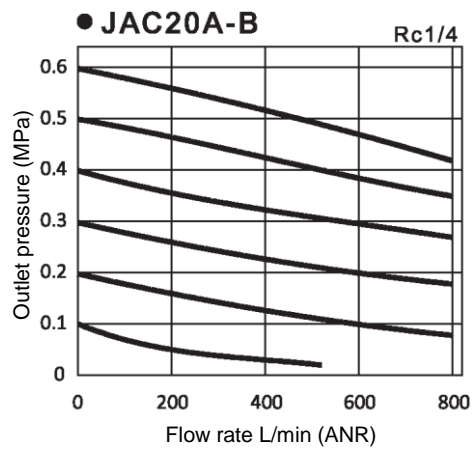
Pressure sensors

Accessories

JUFAN JAC□□A 2-piece Combo Filter/Regulator & Lubricator

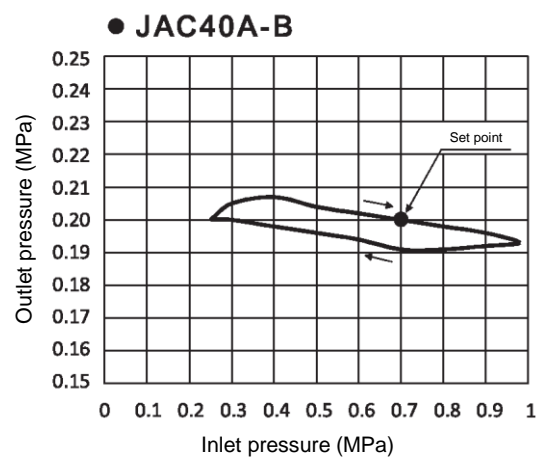
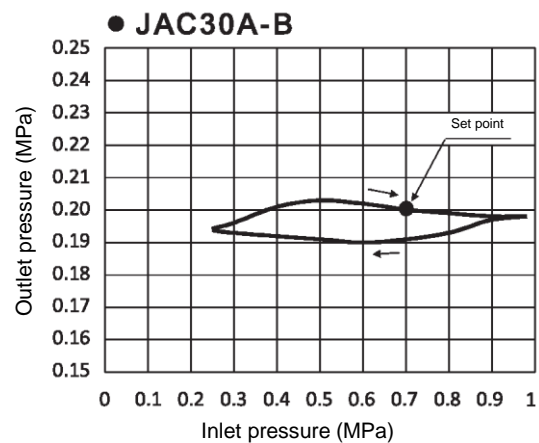
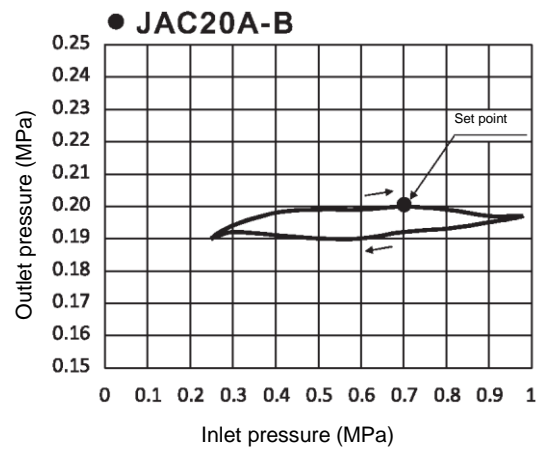
Flow Characteristics (representative values)

- Conditions: Inlet pressure 0.7MPa



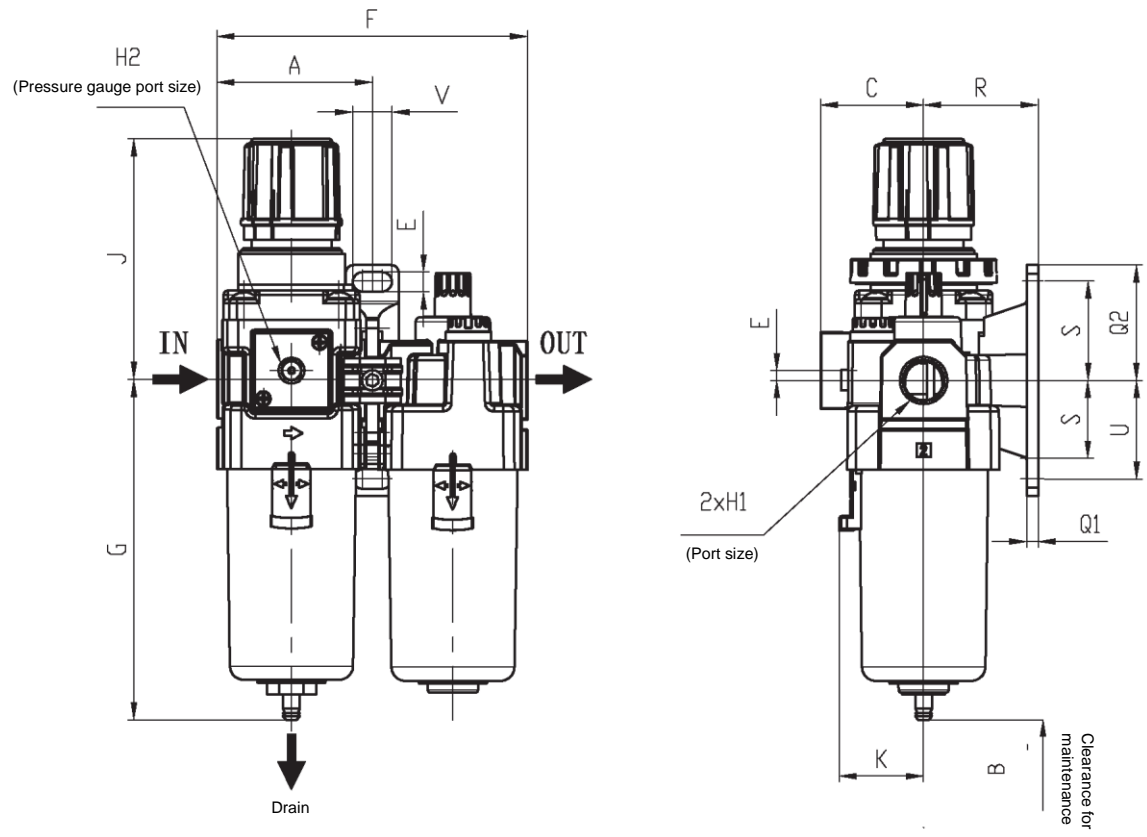
Pressure Characteristics (repr. values)

- Conditions: Inlet pressure 0.7MPa, Outlet pressure 0.2MPa, Flow rate 20L/min (ANR)



JUFAN JAC□□A 2-piece Combo Filter/Regulator & Lubricator

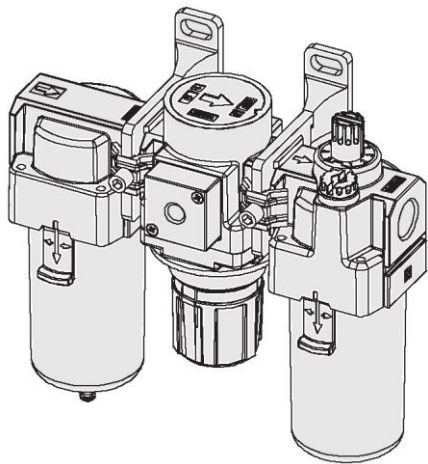
Dimensions



Type	Standard specifications										Bracket mount						With auto drain	
	H1	H2	A	B	C	E	F	G	J	K	M	Q ₁	Q ₂	R	S	U	V	G
JAC20A-B	1/8 • 1/4	1/8	41.6	60	35.8	5	83.2	93.6	72.4	—	12	3.5	29	30	24	33	5.5	101.9
JAC30A-B	1/4 • 3/8	1/8	55.1	80	36.7	3.5	110.2	120.8	85.6	30	14	4	41	41	35	—	7	129.4
JAC40A-B	1/4 • 3/8 • 1/2	1/8	72.6	110	41.1	1.5	145.2	152.8	91.7	38.4	18	5	48	50	40	—	9	161.4

- F.R.L.
- Pneumatic valves
- Pneumatic cylinders
- Pneumatic connectors
- Magnetic switches
- Pressure sensors
- Accessories

JUFAN JAC 3-Piece Combo Filter, Regulator & Lubricator



■ Precautions:

- To adjust filter pressure: pull the pressure adjustment knob upward, turn it clockwise to raise pressure and counter-clockwise to lower pressure, push the knob downward into place to fix it afterwards. **DO NOT** turn knob forcefully or use tools when it is at its utmost position (the pressure remains intact) as it may get damaged.
- Assemble along, instead of against air flow direction. To prevent damage, secure the gauge with wrench rather than by holding its enclosure by hand.
- Transparent PC bowls are made of plastic polycarbonate material, **DO NOT** use with synthetic oil, organic solvents, chemicals, cutting oil, volatile gases, and in environments with these materials to prevent unsafe use due to material damage.
- **DO NOT** place product in areas with shock and heavy vibration; avoid outdoor locations with chemicals and corrosive air environment.
- Secure the device in correct direction (bowl bottom pointing downward) to ensure best product performance.
- **DO NOT** remove PC bowl during operation and use in order to prevent danger; lock PC bowl in position by pressing the latch into place before using it for air supply.

How to order

JAC	30		03		E		B
F.R.L.	MODEL	THREAD	PORT	AUTO DRAIN	ATTACHMENTS	BOWL	CODE
	20 PORT: 1/8,1/4 30 PORT: 1/8,3/8 40 PORT: 1/4,3/8,1/2	BLANK RC Thread NPT G	01 1/8 02 1/4 03 3/8 04 1/2	BLANK: Without auto drain D N.O. Float type auto drain	BLANK: Without pressure gauge E Square embedded pressure gauge G Round type pressure gauge E1 Digital pressure switch NPN, 2m wire E2 Digital pressure switch NPN output, with mount E3 Digital pressure switch PNP output, 2m wire E4 Digital pressure switch PNP output, with mount	BLANK: Polycarbonate bowl body 6 Nylon bowl body	

Note 1: N.O. Float type auto drain; without pressure, condensing water discharging

JUFAN JAC 3-Piece Combo Filter, Regulator & Lubricator

Specifications

Type	JAC20-B	JAC30-B	JAC40-B
Port size	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2
Pressure gauge port size [JAW] (Note 1)	1/8		
Fluid	Air		
Ambient and fluid temperature (Note 2)	-5~60 (with no freezing)		
Proof pressure	1.5 MPa		
Maximum operating pressure	1.0 MPa		
Set pressure range [JAW]	0.05~0.85 MPa		
Regulator construction [JAW]	Relieving type		
Nominal filtration rating [JAW]	5 µm		
Oil recommended	Turbine oil type 1 (ISO VG32)		
Bowl material [JAF/JAL]	Polycarbonate		
Bowl guard [JAF/JAL]	Steel belt	Standard parts (Polycarbonate)	
Weight (kg)	0.4	0.8	1.4

(Note 1) Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

(Note 2) -5~50°C for the products with the digital pressure switch.

How to order

See JAC□□A F.R.L. on P.020

F.R.L.

Pneumatic valves

Pneumatic cylinders

Pneumatic connectors

Magnetic switches

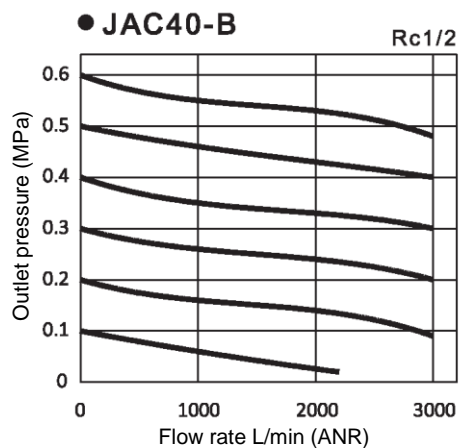
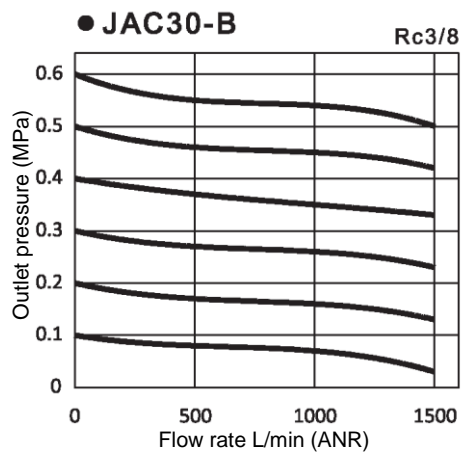
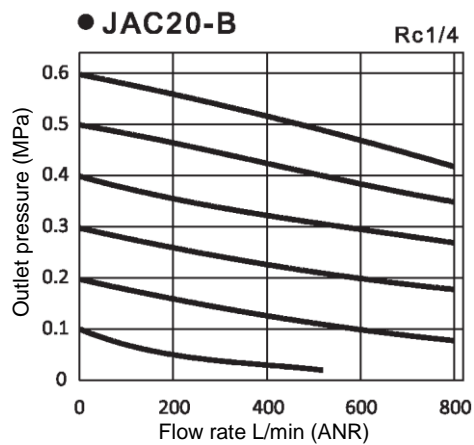
Pressure sensors

Accessories

JUFAN JAC 3-Piece Combo Filter, Regulator & Lubricator

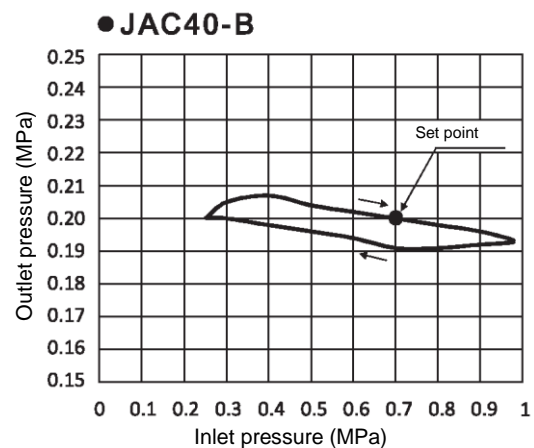
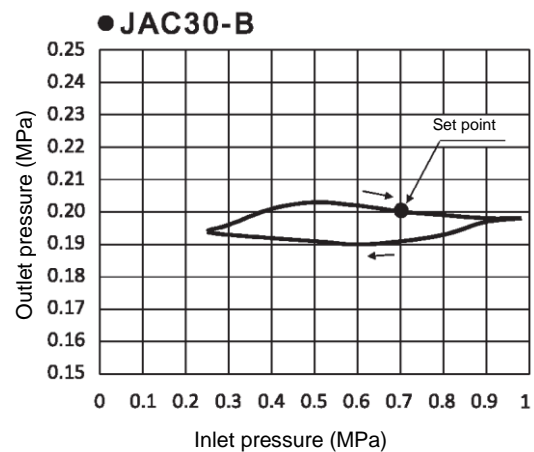
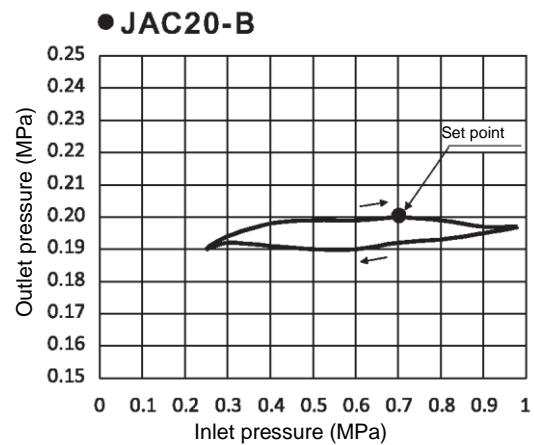
Flow characteristics (representative values)

- Conditions: Inlet pressure 0.7MPa



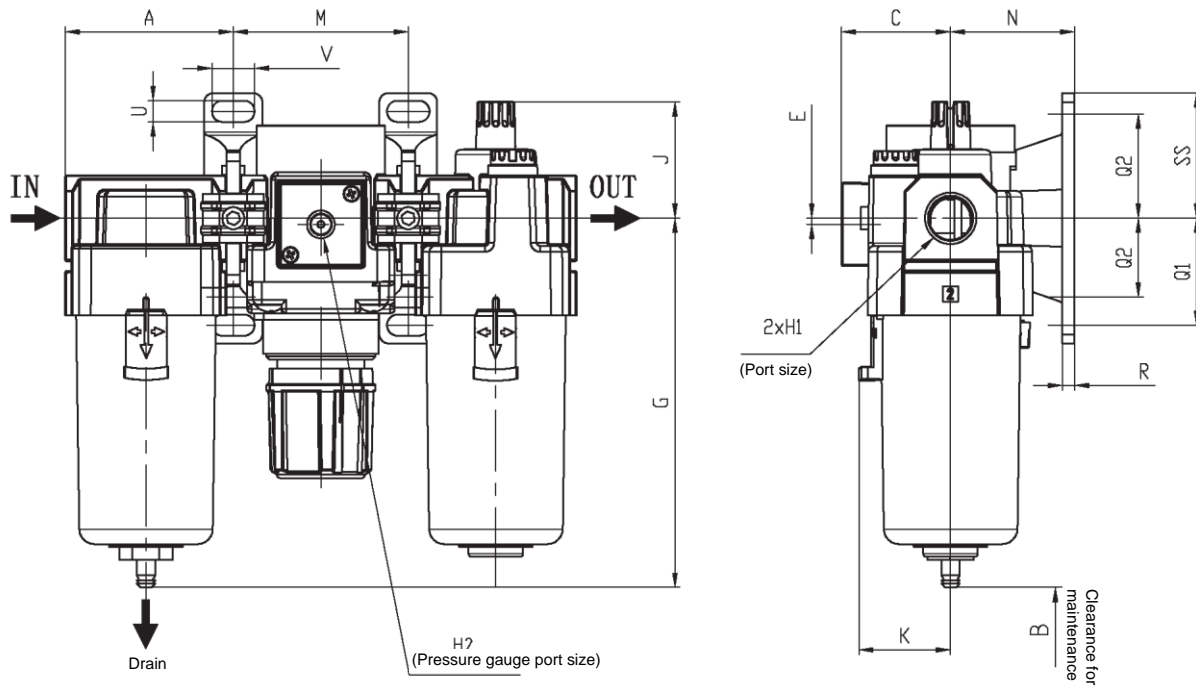
Pressure characteristics (repr. values)

- Conditions: Inlet pressure 0.7MPa, Outlet pressure 0.2MPa, Flow rate 20L/min (ANR)



JUFAN JAC 3-Piece Combo Filter, Regulator & Lubricator

Dimensions



Type	Standard specifications										Bracket mount							With auto drain	
	H1	H2	A	B	C	E	F	G	J	K	M	N	Q ₁	Q ₂	R	S	U	V	G
JAC20-B	1/8 • 1/4	1/8	41.6	60.0	35.8	2.0	126.4	92.7	35.9	–	43.2	30.0	33.0	24.0	3.5	29.0	5.5	12.0	101.3
JAC30-B	1/4 • 3/8	1/8	55.1	80.0	36.7	3.5	167.4	120.2	38.1	30.0	57.2	41.0	–	350	4.0	41.0	7.0	14.0	128.8
JAC40-B	1/4 • 3/8 • 1/2	1/8	72.6	110.0	41.1	3.5	220.4	152.2	39.8	38.4	75.2	50.0	–	400	5.0	48.0	9.0	18.0	160.8

F.R.L.

Pneumatic valves

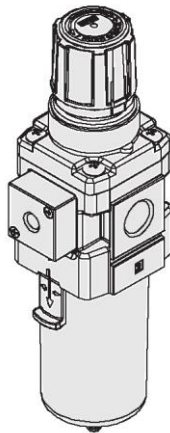
Pneumatic cylinders

Pneumatic connectors

Magnetic switches

Pressure sensors


Accessories



■ Precautions:

- To adjust filter pressure: pull the pressure adjustment knob upward, turn it clockwise to raise pressure and counter-clockwise to lower pressure, push the knob downward into place to fix it afterwards. DO NOT turn knob forcefully or use tools when it is at its utmost position (the pressure remains intact) as it may get damaged.
- Assemble along, instead of against air flow direction. To prevent damage, secure the gauge with wrench rather than by holding its enclosure by hand.
- Transparent PC bowls are made of plastic polycarbonate material, DO NOT use with synthetic oil, organic solvents, chemicals, cutting oil, volatile gases, and in environments with these materials to prevent unsafe use due to material damage.
- DO NOT place product in areas with shock and heavy vibration; avoid outdoor locations with chemicals and corrosive air environment.
- Secure the device in correct direction (bowl bottom pointing downward) to ensure best product performance.
- DO NOT remove PC bowl during operation and use in order to prevent danger; lock PC bowl in position by pressing the latch into place before using it for air supply.

How to order

JAW	30		03	B		E		B
Filter + Regulator	MODEL	THREAD	PORT	MOUNTING	AUTO DRAIN	ATTACHMENTS	BOWL	CODE
	20 PORT: 1/8,1/4	BLANK RC Thread	01 1/8	BLANK: Without bracket	BLANK: Without auto drain	BLANK: Without pressure gauge	BLANK: Polycarbonate bowl body	
	30 PORT: 1/8,3/8	NPT	02 1/4	B With bracket 	D N.O. Float type auto drain	E Square embedded pressure gauge	6 Nylon bowl body	
	40 PORT: 1/4,3/8,1/2	G	03 3/8			G Round type pressure gauge		
			04 1/2			E1 Digital pressure switch NPN, 2m wire		
						E2 Digital pressure switch NPN output, with mount		
						E3 Digital pressure switch PNP output, 2m wire		
						E4 Digital pressure switch PNP output, with mount		

Note 1: N.O. Float type auto drain; without pressure, condensing water discharging

Specifications

Type	JAW20-B	JAW30-B	JAW40-B
Port size	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2
Pressure gauge port size [JAW] (Note 1)	1/8		
Fluid	Air		
Ambient and fluid temperature (Note 2)	-5~60 (with no freezing)		
Proof pressure	1.5 MPa		
Maximum operating pressure	1.0 MPa		
Set pressure range [JAW]	0.05~0.85 MPa		
Regulator construction [JAW]	Relieving type		
Nominal filtration rating [JAW]	5 μm		
Condensing water storage capacity (cm ³)	9	27	50
Bowl material [JAF/JAL]	Polycarbonate		
Bowl guard [JAF/JAL]	Steel belt	Standard parts (Polycarbonate)	
Mass(kg)	0.10	0.21	0.40

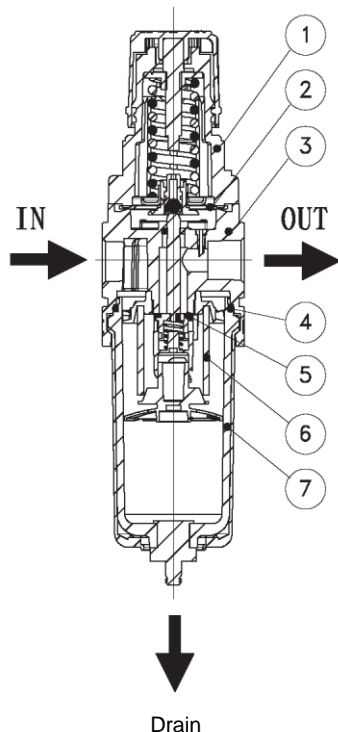
(Note 1) Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

(Note 2) -5~50°C for the products with the digital pressure switch

How to order

See JAC□□A F.R.L. on P.020

Internal structure and parts names



No.	Part name	Quantity
①	Top cover	1
②	Diaphragm assembly	1
③	Body	1
④	Bowl O-Ring	1
⑤	Valve assembly	1
⑥	Filter element	1
⑦	Bowl	1

F.R.L.

Pneumatic valves

Pneumatic cylinders

Pneumatic connectors

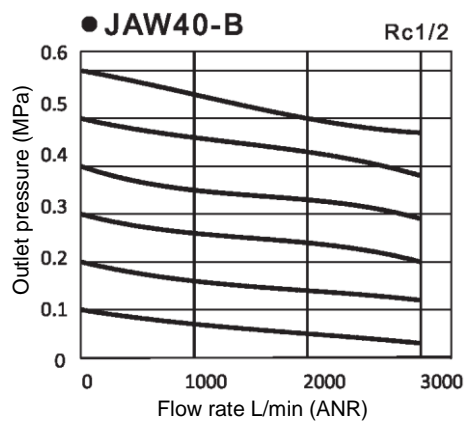
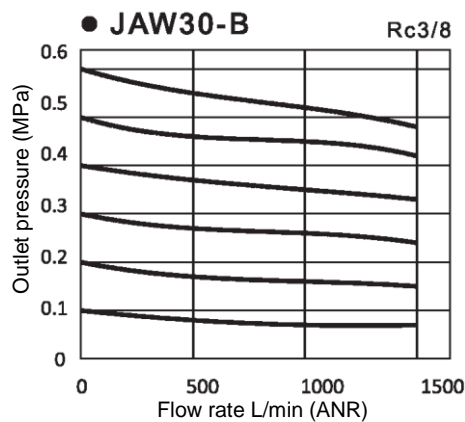
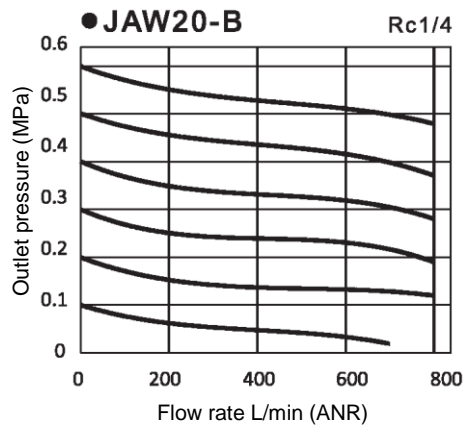
Magnetic switches

Pressure sensors

Accessories

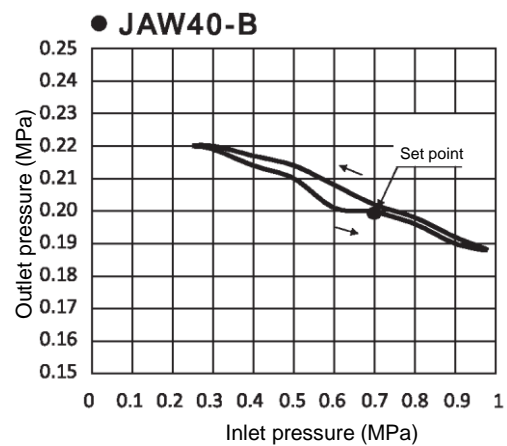
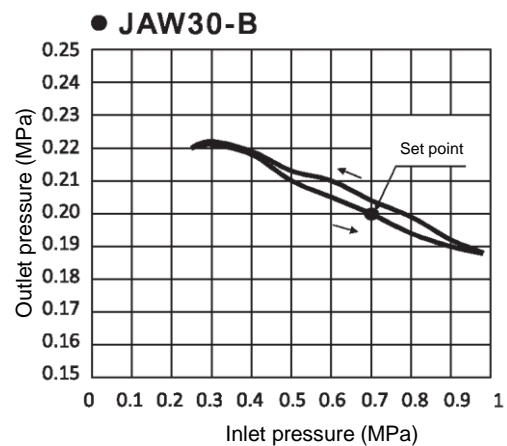
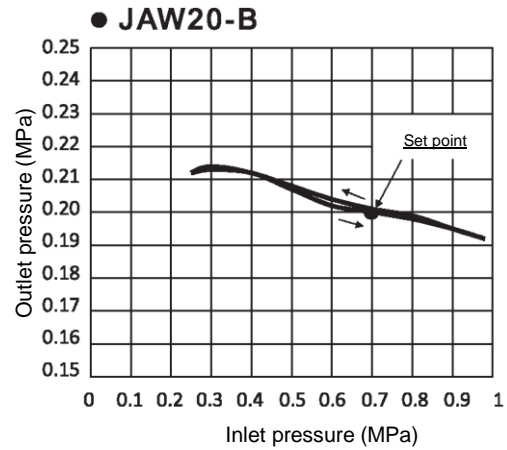
Flow characteristics (representative values)

- Conditions: Inlet pressure 0.7MPa

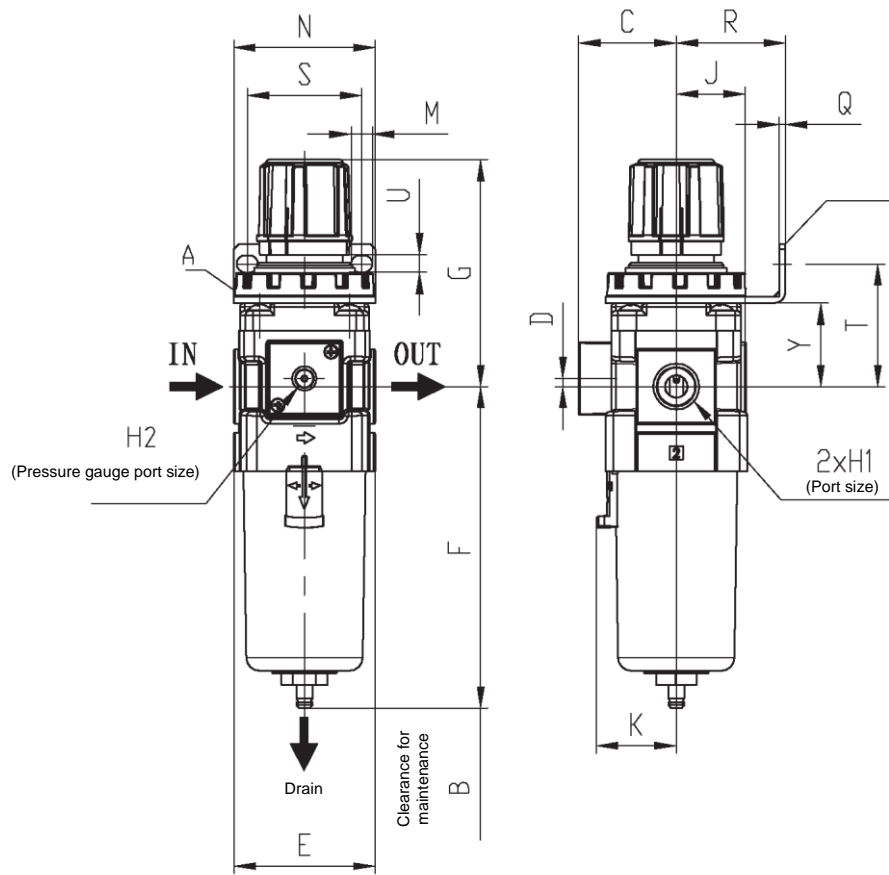


Pressure characteristics (repr. values)

- Conditions: Inlet pressure 0.7MPa, Outlet pressure 0.2MPa, Flow rate 20L/min (ANR)



Dimensions



Type	Standard specifications											Options											
												Bracket mount					Panel dimensions					With auto drain	
	H1	H2	A	B	C	D	E	F	G	J	K	M	N	Q	R	S	T	U	V	W	Y	Z	F
JAW20-B	1/8 • 1/4	1/8	M28x1	40	35.8	5	40	93.3	72.4	26	-	15.4	55	2.3	30	34	43.9	5.4	14	6	24.7	28.5	101.9
JAW30-B	1/4 • 3/8	1/8	M38x1.5	55	36.7	3.5	53	120.8	85.6	29.4	30	8	53	2.3	41	40	45.8	6.5	19	7	31.1	38.5	129.4
JAW40-B	1/4 • 3/8 • 1/2	1/8	M42x1.5	80	41.1	1.5	70	152.8	91.7	37.3	38.4	10.5	70	2.3	50	54	54	8.5	21	7	35.5	42.5	161.4

F.R.L.

Pneumatic valves

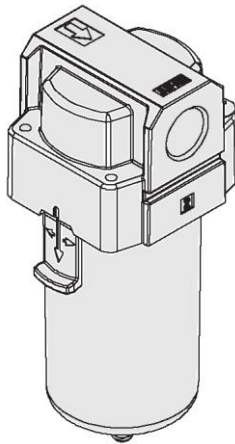
Pneumatic cylinders

Pneumatic connectors

Magnetic switches

Pressure sensors

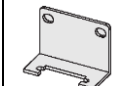
Accessories



■ **Precautions:**

- Transparent PC bowls are made of plastic polycarbonate material, DO NOT use with synthetic oil, organic solvents, chemicals, cutting oil, volatile gases, and in environments with these materials to prevent unsafe use due to material damage.
- DO NOT place product in areas with shock and heavy vibration; avoid outdoor locations with chemicals and corrosive air environment.
- Secure the device in correct direction (bowl bottom pointing downward) to ensure best product performance.
- Assemble along, instead of against air flow direction.
- DO NOT remove PC bowl during operation and use in order to prevent danger; lock PC bowl in position by pressing the latch into place before using it for air supply.

How to order

JAF	30		01	B				A
Filter	MODEL	THREAD	PORT	MOUNTING	AUTO DRAIN	BOWL	FLOW DIRECTION	CODE
	20 PORT: 1/8,1/4 30 PORT: 1/8,3/8 40 PORT: 1/4,3/8,1/2	BLANK RC Thread NPT G	01 1/8 02 1/4 03 3/8 04 1/2	BLANK: Without bracket B With bracket 	BLANK: Without auto drain N.O. Float type auto drain D	BLANK: Polycarbonate bowl body 6 Nylon bowl body	BLANK: Left → Right R Right → Left	

Note 1: N.O. Float type auto drain; without pressure, condensing water discharging

Specifications

Type	JAF20-A	JAF30-A	JAF40-A
Port size	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2
Fluid	Air		
Ambient and fluid temperature	-5~60°C (with no freezing)		
Proof pressure	1.5 (MPa)		
Maximum operating pressure	1.0 (MPa)		
Nominal filtration rating	5 (µm)		
Condensing water storage capacity (cm ³)	9	27	50
Bowl material	Polycarbonate		
Bowl guard	Steel belt	Standard parts (Polycarbonate)	
Mass (kg)	0.09	0.17	0.35

How to order

See JAC□□A F.R.L. on P.020

F.R.L.

Pneumatic valves

Pneumatic cylinders

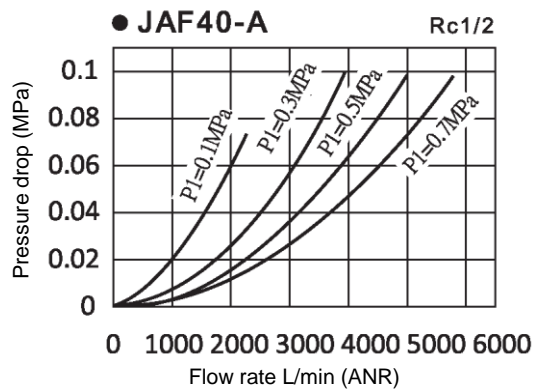
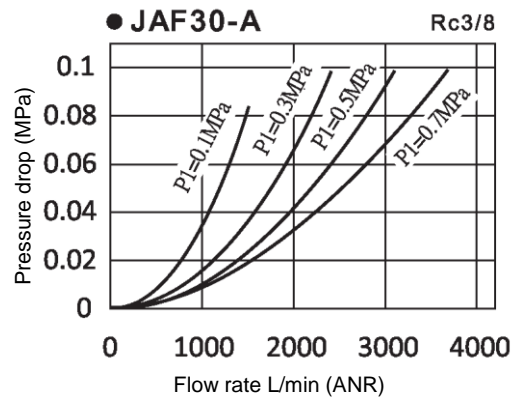
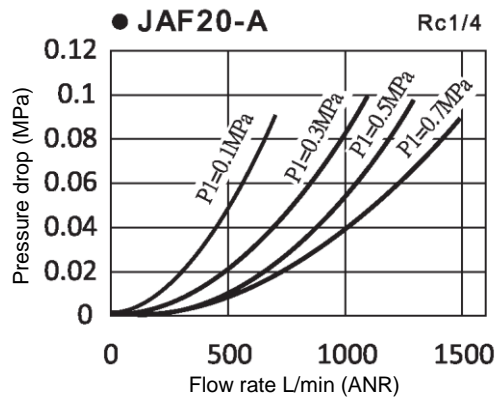
Pneumatic connectors

Magnetic switches

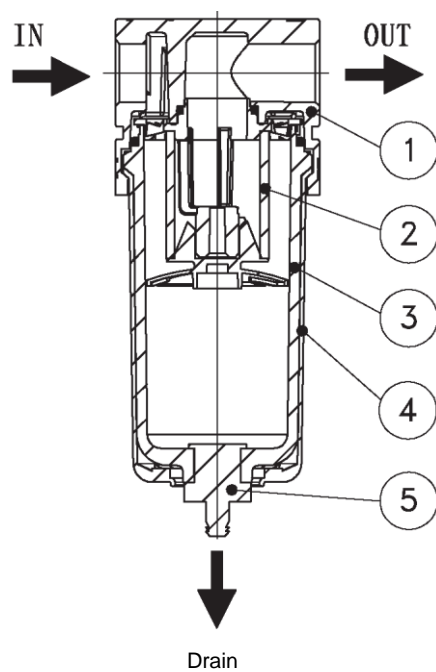
Pressure sensors

Accessories

Flow characteristics (representative values)

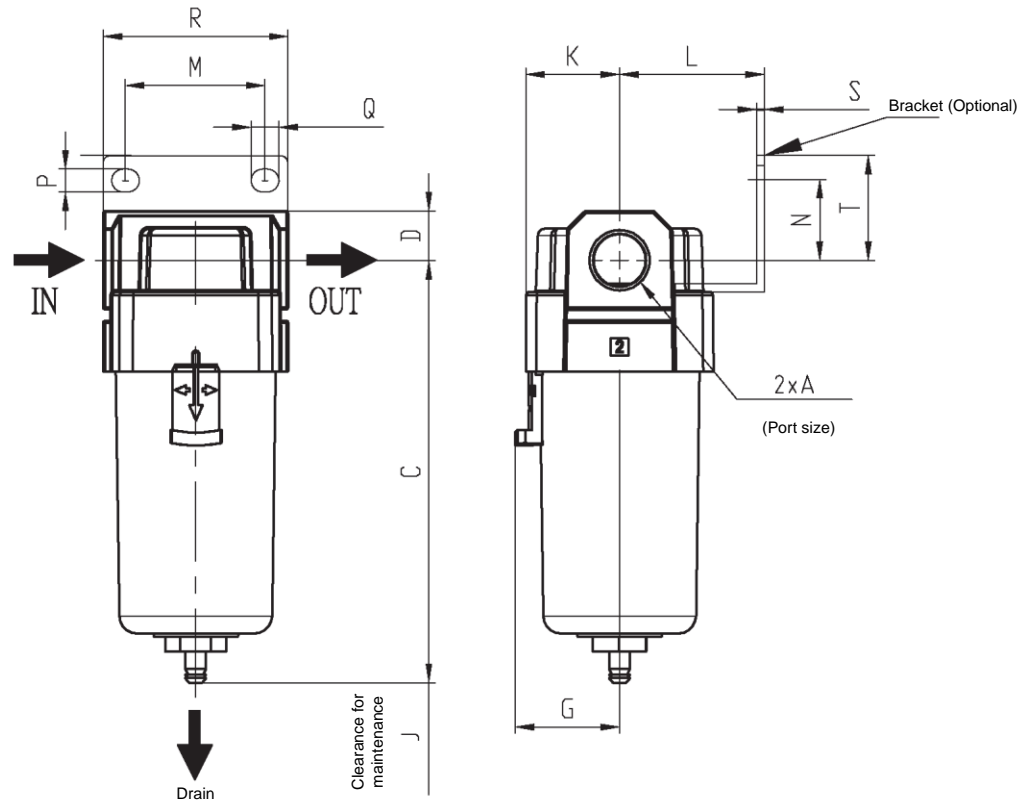


Internal structure and parts names



No.	Part name	Quantity
①	Body	1
②	Filter element	1
③	Bowl	1
④	Bowl guard	1
⑤	Drain valve	1

Dimensions



Type	Standard specifications							Options									With auto drain
								Bracket mount									
	A	B	C	D	E	G	J	K	L	M	N	P	Q	R	S	T	
JAF20-A	1/8 • 1/4	40	93.3	9.8	20	-	25	20	30	27	22	5.4	8.4	40	2.3	28	101.9
JAF30-A	1/4 • 3/8	53	120.8	14	26.7	30	35	26.7	41	40	23	6.5	8	53	2.3	30	129.4
JAF40-A	1/4 • 3/8 • 1/2	70	152.8	18	35.5	38.4	40	35.5	50	54	26	8.5	10.5	70	2.3	35	161.4

F.R.L.

Pneumatic valves

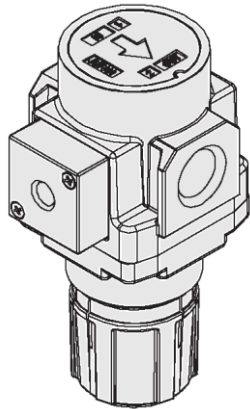
Pneumatic cylinders

Pneumatic connectors

Magnetic switches

Pressure sensors


Accessories



■ Precautions:

- To adjust filter pressure: pull the pressure adjustment knob upward, turn it clockwise to raise pressure and counter-clockwise to lower pressure, push the knob downward into place to fix it afterwards. DO NOT turn knob forcefully or use tools when it is at its utmost position (the pressure remains intact) as it may get damaged.
- Assemble along, instead of against air flow direction. To prevent damage, secure the gauge with wrench rather than by holding its enclosure by hand.
- For pressure gauge with plastic panel pressure adjustment valve: DO NOT OPT for this option for use in chemical or solvent environment as the panel may get damaged.
- DO NOT place product in areas with shock and heavy vibration; avoid outdoor locations with chemicals and corrosive air environment.

How to order

JAR	30		03	B	E	B
Regulator	MODEL	THREAD	PORT	MOUNTING	ATTACHMENTS	CODE
	20 PORT: 1/8,1/4	BLANK RC Thread	01 1/8	BLANK: Without bracket	BLANK: Without pressure gauge	
	30 PORT: 1/8,3/8	NPT	02 1/4	With bracket	E Square embedded pressure gauge	
40 PORT: 1/4,3/8,1/2	G	03 3/8		G Round type pressure gauge	E1 Digital pressure switch NPN, 2m wire	
		04 1/2		E2 Digital pressure switch NPN output, with mount	E3 Digital pressure switch PNP output, 2m wire	E4 Digital pressure switch PNP output, with mount

Specifications

Type	JAR20-B	JAR30-B	JAR40-B
Port size	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2
Pressure gauge port size (Note 1)	1/8		
Fluid	Air		
Ambient and fluid temperature (Note 2)	-5~60°C (with no freezing)		
Proof pressure	1.5 (MPa)		
Maximum operating pressure	1.0 (MPa)		
Set pressure range (MPa)	0.05~0.85		
Regulator construction	Relieving type		
Mass (kg)	0.15	0.27	0.4

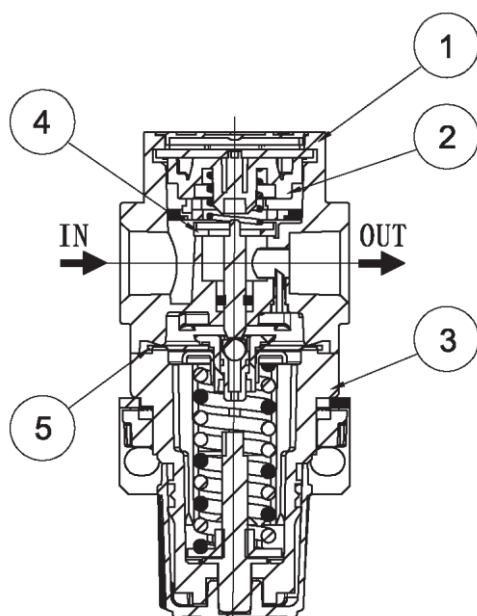
(Note 1) Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

(Note 2) -5~50°C for the products with the digital pressure switch

How to order

See JAC□□A F.R.L. on P.020

Internal structure and parts names



No.	Part name	Quantity
①	Body	1
②	Valve guide rod assembly	1
③	Top cover	1
④	Valve	1
⑤	Diaphragm assembly	1

F.R.L.

Pneumatic valves

Pneumatic cylinders

Pneumatic connectors

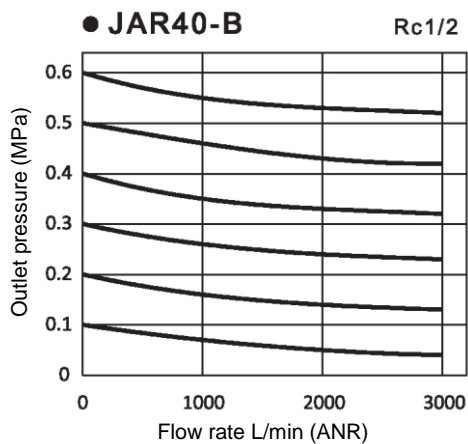
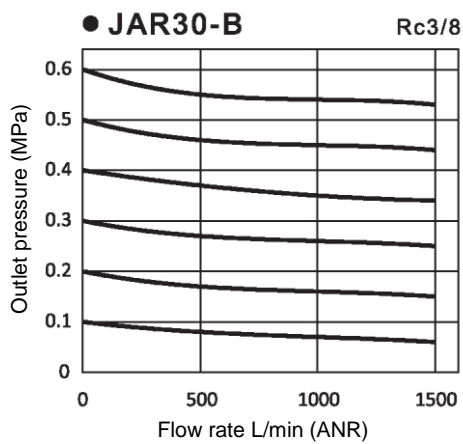
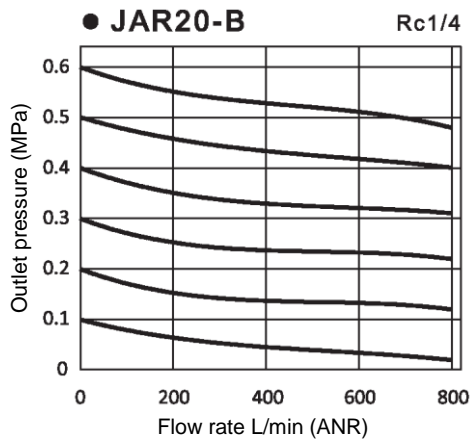
Magnetic switches

Pressure sensors

Accessories

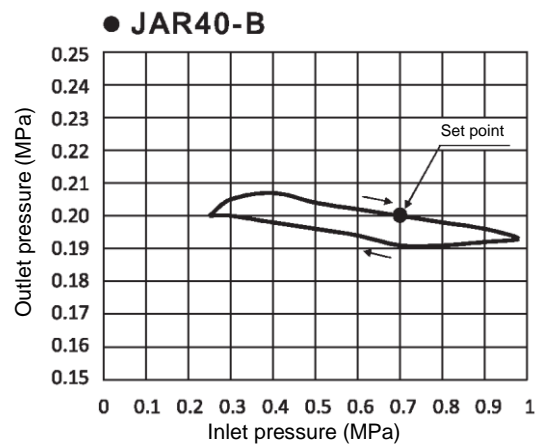
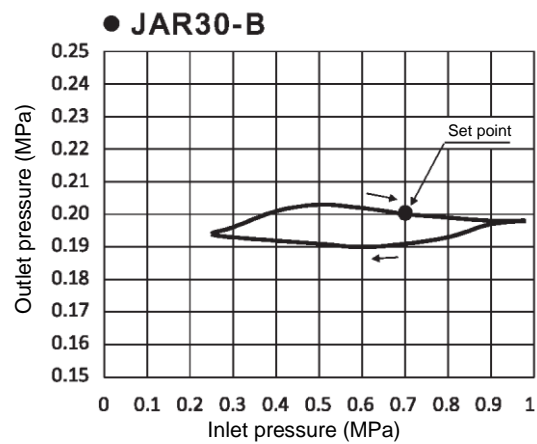
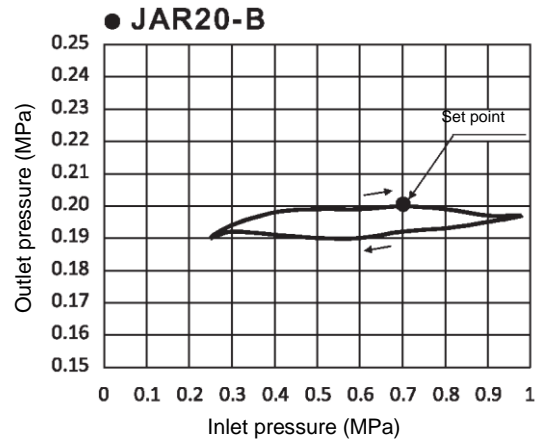
Flow characteristics (representative values)

- Conditions: Inlet pressure 0.7MPa

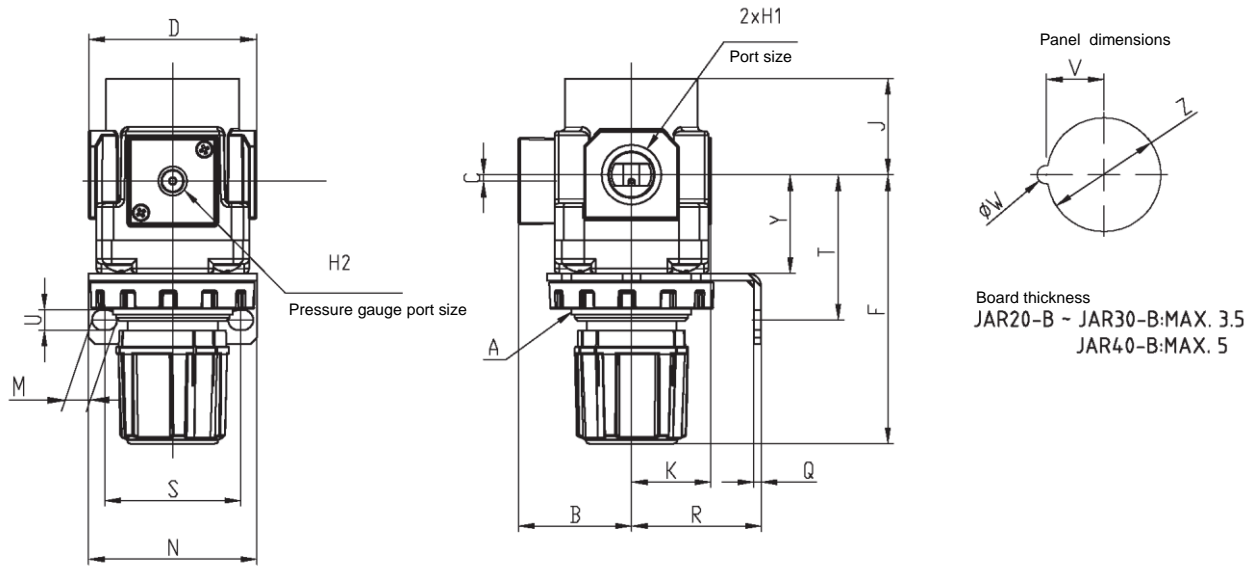


Pressure characteristics (repr. values)

- Conditions: Inlet pressure 0.7MPa, Outlet pressure 0.2MPa, Flow rate 20L/min (ANR)



Dimensions



Type	Standard specifications									Options										
										Bracket moun					Panel fixed dimensions					
	H1	H2	A	B	C	D	F	J	K	M	N	Q	R	S	T	U	V	W	Y	Z
JAR20-B	1/8 • 1/4	1/8	M28x1	35.8	2	40	67.4	26.5	28.5	15.4	55	2.3	30	34	43.9	5.4	14	6	24.7	28.5
JAR30-B	1/4 • 3/8	1/8	M38x1.5	36.7	3.5	53	85.6	30.7	29.4	8	53	2.3	41	40	45.8	6.5	19	7	31.1	38.5
JAR40-B	1/4 • 3/8 • 1/2	1/8	M42x1.5	41.1	3.5	70	91.7	35.8	33.8	10.5	70	2.3	50	54	54	8.5	21	7	35.5	42.5

ERL

Pneumatic valves

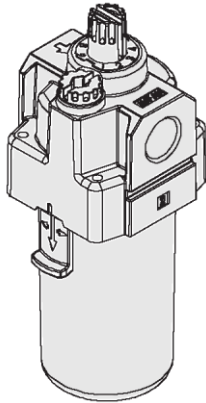
Pneumatic cylinders

Pneumatic connectors

Magnetic switches

Pressure sensors


Accessories



■ Precautions:

- Transparent PC bowls are made of plastic polycarbonate material, DO NOT use with synthetic oil, organic solvents, chemicals, cutting oil, volatile gases, and in environments with these materials to prevent unsafe use due to material damage.
- DO NOT place product in areas with shock and heavy vibration; avoid outdoor locations with chemicals and corrosive air environment.
- Secure the device in correct direction (bowl bottom pointing downward) to ensure best product performance.
- DO NOT remove PC bowl during operation and use in order to prevent danger; lock PC bowl in position by pressing the latch into place before using it for air supply.

How to order

JAL	30		01	B		A
Lubricator	MODEL	THREAD	PORT	MOUNTING	BOWL	CODE
	20 PORT: 1/8,1/4	BLANK	01 1/8	BLANK:	BLANK:	
	30 PORT: 1/8,3/8	RC Thread	02 1/4	Without bracket	Polycarbonate bowl body	
40 PORT: 1/4,3/8,1/2	NPT	03 3/8	With bracket	6 Nylon cup		
	G	04 1/2	B			
		06 3/4				

Specifications

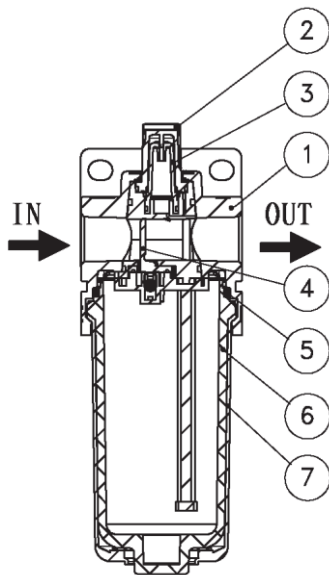
Type	JAL20-A	JAL30-A	JAL40-A
Port size	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2
Fluid	Air		
Ambient and fluid temperature	-5~60 °C (with no freezing)		
Proof pressure	1.5 (MPa)		
Maximum operating pressure	1.0 (MPa)		
Minimum dripping rate {L/min (ANR) } Note:	15	1/4: 30 3/8: 40	1/4: 30 3/8: 40 1/2: 50
Oil storage capacity (cm ³)	30	60	145
Lubricator	Turbine oil type 1 (ISO VG32)		
Bowl material	Polycarbonate		
Bowl guard	Steel belt	Standard parts (Polycarbonate)	
Weight (kg)	0.09	0.18	0.35

Note: Least dripping rate: under conditions of inlet pressure 0.52MPa, turbine oil type 1 (ISO VG32), oil regulating valve fully open, 5 drops per minute.

How to order

See JAC□□A F.R.L. on P.020

Internal structure and parts names



No.	Part name	Quantity
①	Body	1
②	Outer oil container	1
③	Inner oil container	1
④	Converter board	1
⑤	Bowl body sealing ring	1
⑥	Inner bowl	1
⑦	Outer bowl	1

F.R.L.

Pneumatic valves

Pneumatic cylinders

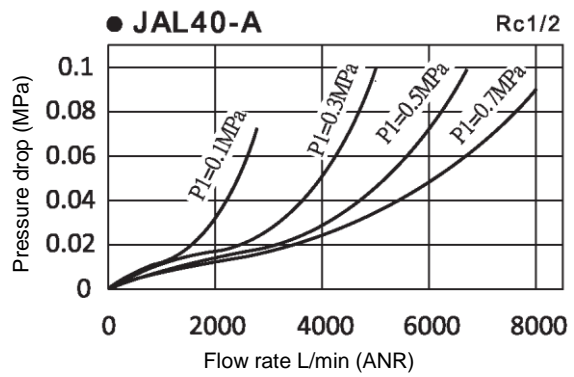
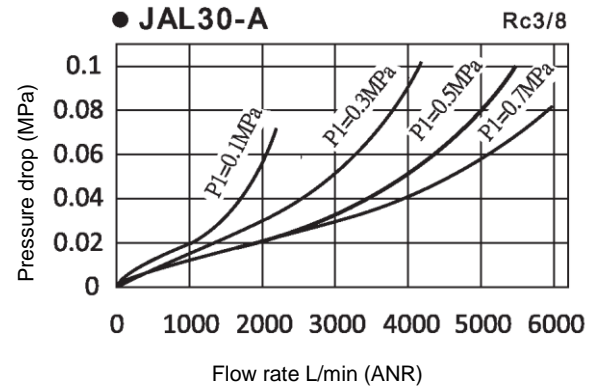
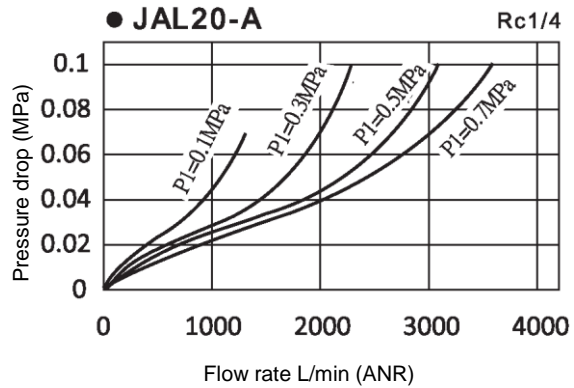
Pneumatic connectors

Magnetic switches

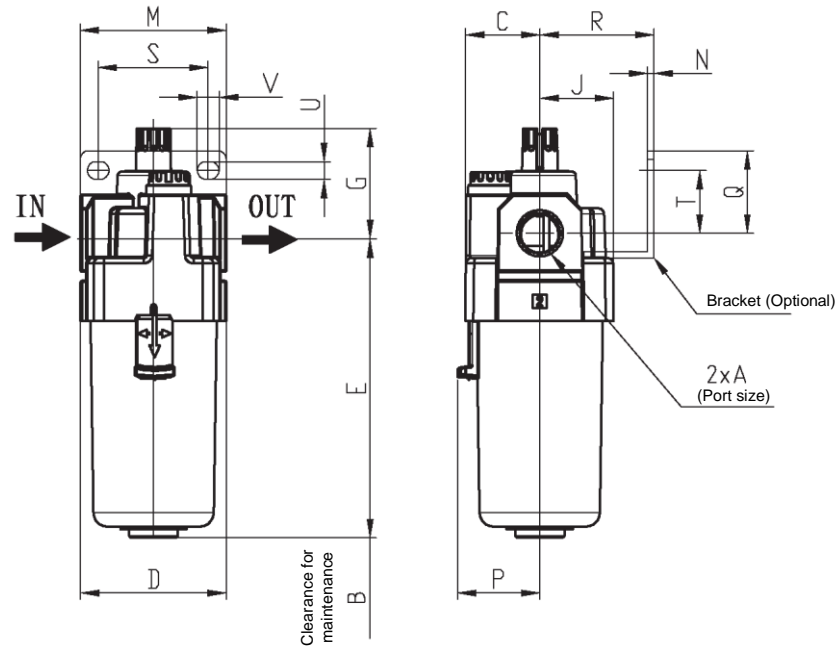
Pressure sensors

Accessories

Flow characteristics (representative values)



Dimensions



Type	Standard specifications								Options							
									Bracket mount							
	A	B	C	D	E	G	J	P	M	N	Q	R	S	T	U	V
JAL20-A	1/8 • 1/4	60	20	40	79.3	35.9	20	-	40	2.3	28	30	27	22	5.4	8.4
JAL30-A	1/4 • 3/8	80	26.7	53	104.1	38.1	26.7	30	53	2.3	30	41	40	23	6.5	8
JAL40-A	1/4 • 3/8 • 1/2	110	35.5	70	136.1	39.8	35.5	38.4	70	2.3	35	50	54	26	8.5	10.5

ERL

Pneumatic valves

Pneumatic cylinders

Pneumatic connectors

Magnetic switches

Pressure sensors

Accessories