



AIR PREPARATOR



Exclusively distributed by **RUBIX** www.rubix.com

OUR
EXCLUSIVE
BRANDS

EFFICIENCY. AVAILABILITY. RELIABILITY.

CONTENTS

AIR PREPARATOR

Regulator	92
Filter Regulator	94
Filter Regulator And Lubricator	96
Locking Shut-Off Valve	98
Distribution Block	100
Bracket	100
Spare Parts	101

REGULATOR

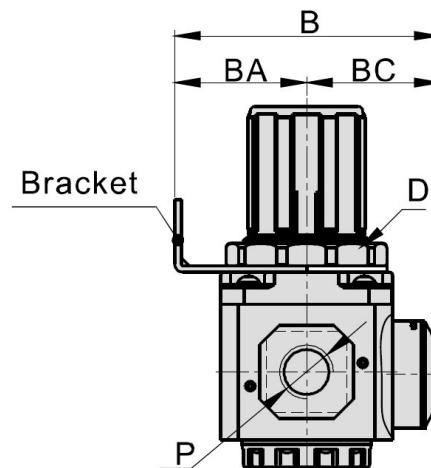
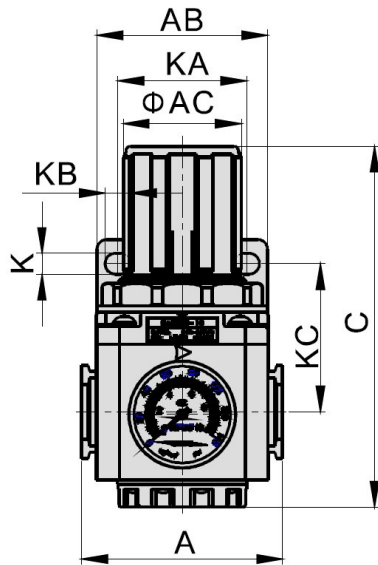


Regulator available in 3 different aluminium body sizes with different flow rate ranges, pressure range from 0.15 to 0.9 MPa. Pre-installed circular pressure gauge which with clip and magnifier is used to save installation space, and installation brackets.

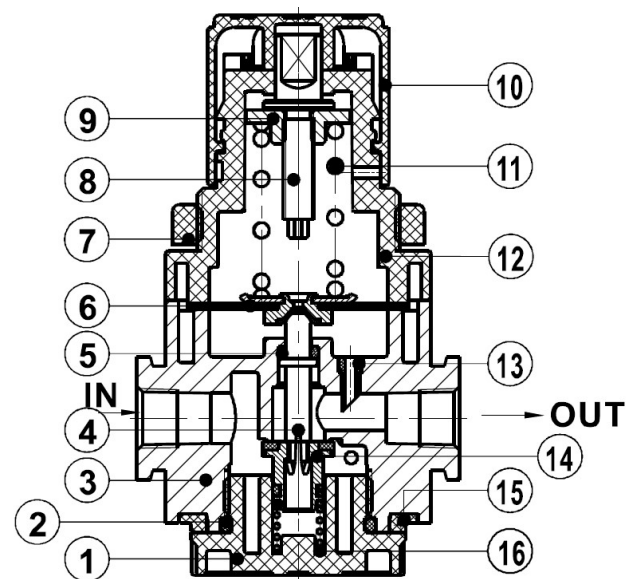
CODE	891696	891697	891698	891699
Body Size	S1	S2	S2	S3
Port Size	G1/8	G1/4	G3/8	G1/2
Pressure Range	0.15 .. 0.9 MPa			
Max. Pressure	1.0 MPa			
Proof Pressure	1.5 MPa			
Temperature Range	-20 ... +70 °C			
Weight	170g	300g	300g	570g
Pressure gauge	Circular			
Pressure Chart				
Flow Chart				

REGULATOR

CODE	A	AB	AC	B	BA	BC	C	D	K	KA	KB	KC	P
891696	52.5	55	31	69	30	39	91	M33X1.5	5.4	34	15.4	45	1/8
891697	62.5	53	38	82.5	41	41.5	112	M40X1.5	6.5	40	8	46	1/4
891698	62.5	53	38	82.5	41	41.5	112	M40X1.5	6.5	40	8	46	3/8
891699	80	72	52	99	50	49	140.5	M55.2	8.5	55	11	53	1/2



No.	Item	Material
1	Valve cap	PC
2	O-ring	NBR
3	Body	Aluminium alloy
4	Adjusting spool	POM
5	O-ring	NBR
6	Diaphragm	NBR
7	Fixed ring	POM
8	Adjusting spindle	Steel
9	Regulator nut	Steel
10	Pressure knob	POM
11	Spring	SWPB
12	Adjusting seat	POM
13	Feedback tube	POM
14	Pressure plug	Aluminium alloy & steel
15	Bottom cover	POM
16	Spring	SWPB



FILTER REGULATOR

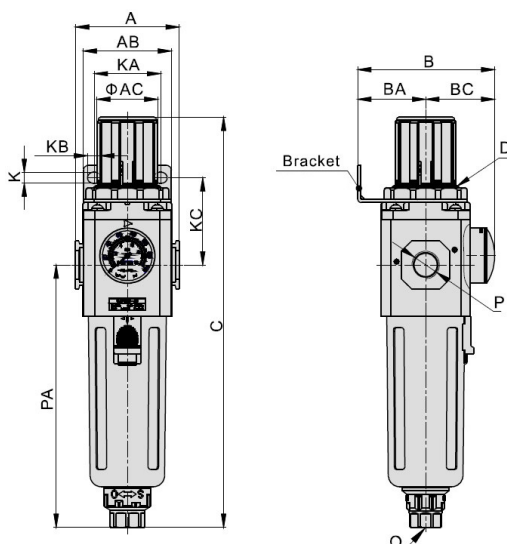


Filter Regulator available in 3 different aluminium body sizes with different flow rate ranges, pressure range from 0.15 to 0.9 MPa, Semi-auto drain + Manual drain, pressed-in self-locking mechanism to prevent the abnormal movement of the set pressure caused by external interfere. Pre-installed circular square pressure gauge which with clip and magnifier is used to save installation space, and installation brackets. Filter 40 μ m and Polycarbonates bowl.

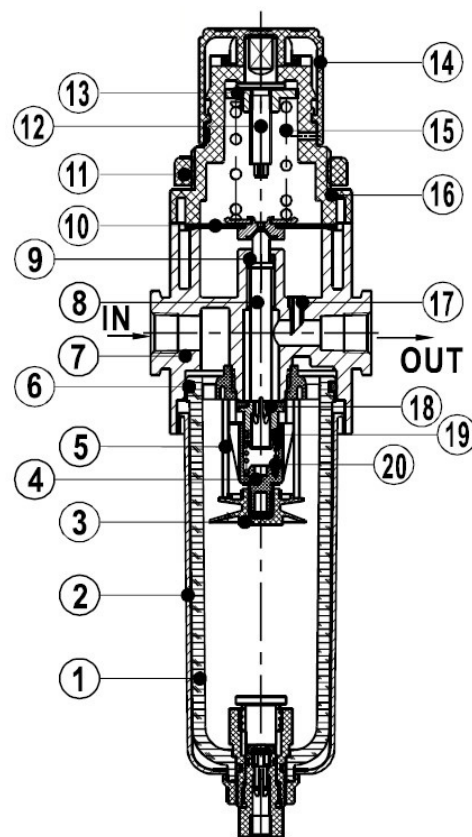
CODE	891691	891692	891693	891694
Body Size	S1	S2	S2	S3
Port Size	G1/8	G1/4	G3/8	G1/2
Filtering Grade	40 μ m			
Pressure Range	0.15 .. 0.9 MPa			
Max. Pressure	1.0 MPa			
Proof Pressure	1.5 MPa			
Temperature Range	-5 ... +70 °C			
Capacity of drain bowl	25cc	60cc	60cc	100cc
Weight	290g	500g	500g	880g
Drain type	Semi-auto drain / Manual drain			
Pressure gauge	Circular			
Bowl	Aluminium alloy			
Pressure Chart				
Flow Chart				

FILTER REGULATOR

CODE	A	AB	AC	B	BA	BC	C	D	K	KA	KB	KC	P	PA	Q
891691	52.5	55	31	69	30	39	192.5	M33X1.5	5.4	34	15.4	52	G1/8	120	M5X0.8
891692	62.5	53	38	82.5	41	41.5	247	M40X1.5	6.5	40	8	52.5	G1/4	158	G1/4
891693	62.5	53	38	82.5	41	41.5	247	M40X1.5	6.5	40	8	52.5	G3/8	158	G1/4
891694	80	72	52	99	50	49	285.5	M55.2	8.5	55	11	57	G1/2	177.5	G1/4



No.	Item	Material
1	Drain bowl	Aluminium alloy
2	Meter cover	SPCC
3	Umbrella baffle	High viscosity POM
4	Air guider	High viscosity POM
5	Filter core	HDPE
6	O-ring	NBR
7	Body of filter-regulator	Aluminium alloy
8	Adjusting spool	POM
9	O-ring	NBR
10	Diaphragm	NBR
11	Fixation ring cap	POM
12	Adjusting spindle	Steel
13	Regulator nut	Steel
14	Pressure knob	POM
15	Spring	SWPB
16	Adjusting seat	POM
17	Feedback tube	POM
18	Adjusting plug	Brass & Rubber
19	O-ring	NBR
20	Spring	SWPB



FILTER REGULATOR AND LUBRICATOR



Filter Regulator and Lubricator (R.F.L) available in 3 different aluminium body sizes with different flow rate ranges, pressure range from 0.15 to 0.9 MPa, Semi-auto drain + Manual drain, pressed-in self-locking mechanism to prevent the abnormal movement of the set pressure caused by external interfere. Pre-installed circular square pressure gauge which with clip and magnifier is used to save installation space, and installation brackets. Filter 40 μm and Aluminium bowl.

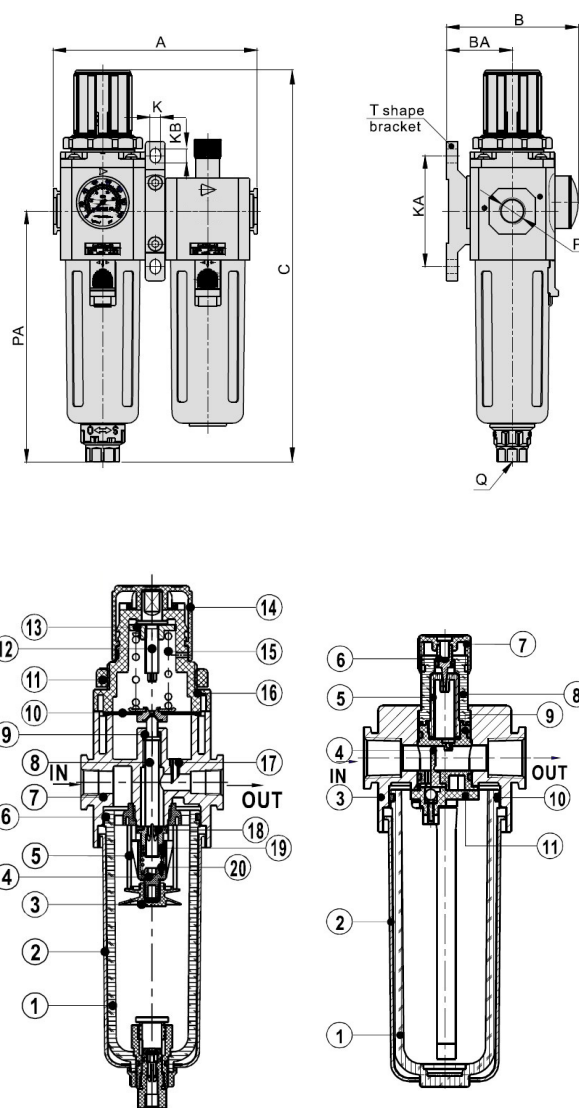
Attached Lubricator unit with proportional oil dripping structure which adopts gap seal type, the quantity of oil supply can be adjustment precisely changing the position of graduation oil ring indicator. Filling of oil while the lubricator is under pressure is made possible.

CODE	891701	891702	891703	891704
Body Size	S1	S2	S2	S3
Port Size	G1/8	G1/4	G3/8	G1/2
Filtering Grade	40 μm			
Pressure Range	0.15 .. 0.9 MPa			
Max. Pressure	1.0 MPa			
Proof Pressure	1.5 MPa			
Temperature Range	-5 ... +70 °C			
Drain bowl Capacity	25cc	60cc	60cc	100cc
Oil bowl Capacity	36cc	98cc	98cc	185cc
Weight	590g	1020g	1020g	1810g
Drain type	Semi-auto drain / Manual drain			
Pressure gauge	Circular			
Bowl	Aluminium			
Pressure Chart				
Flow Chart				

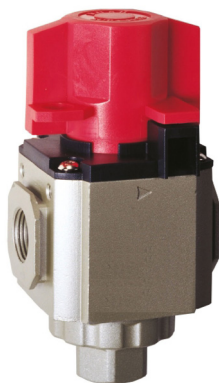
FILTER REGULATOR AND LUBRICATOR

CODE	A	B	BA	BC	C	D	K	KA	KB	KC	P	PA	Q
891701	107.5	69	30	39	192.5	M33X1.5	5.4	34	15.4	52	G1/8	120	M5X0.8
891702	128.5	82.5	41	41.5	247	M40X1.5	6.5	40	8	52.5	G1/4	158	G1/4
891703	128.5	82.5	41	41.5	247	M40X1.5	6.5	40	8	52.5	G3/8	158	G1/4
891704	164	99	50	49	285.5	M55.2	8.5	55	11	57	G1/2	177.5	G1/4

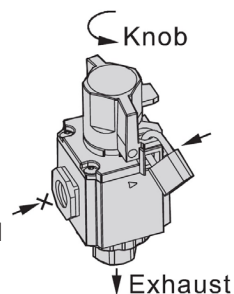
No.	Item	Material
FR 1	Drain bowl	Aluminium alloy
FR 2	Meter cover	SPCC
FR 3	Umbrella baffle	High viscosity POM
FR 4	Air guider	High viscosity POM
FR 5	Filter core	HDPE
FR 6	O-ring	NBR
FR 7	Body of filter-regulator	Aluminium alloy
FR 8	Adjusting spool	POM
FR 9	O-ring	NBR
FR 10	Diaphragm	NBR
FR 11	Fixation ring cap	POM
FR 12	Adjusting spindle	Steel
FR 13	Regulator nut	Steel
FR 14	Pressure knob	POM
FR 15	Spring	SWPB
FR 16	Adjusting seat	POM
FR 17	Feedback tube	POM
FR 18	Adjusting plug	Brass & Rubber
FR 19	O-ring	NBR
FR 20	Spring	SWPB
L 1	Oil bowl	Aluminium alloy
L 2	Meter cover	SPCC
L 3	Body	Aluminium alloy
L 4	Distance block	PU
L 5	Drip pipe	PC
L 6	Ejector pin	Brass
L 7	Adjusting ring	POM
L 8	Adjusting looker	PC
L 9	Sprayer body	PA66
L 10	O-ring	NBR
L 11	Sprayer bottom cup	POM



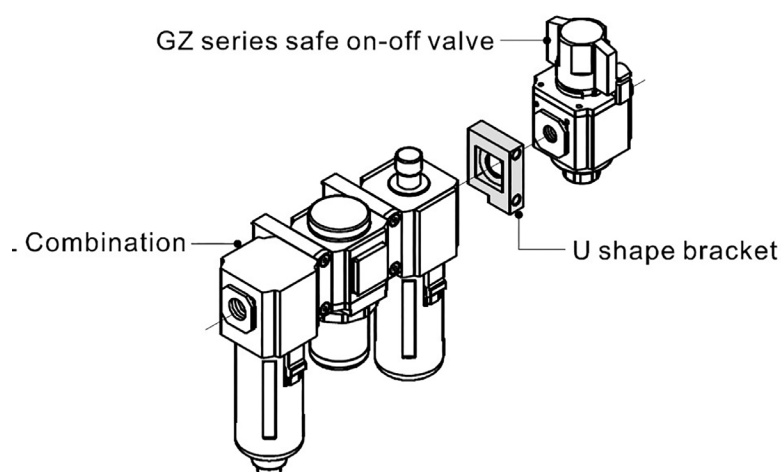
LOCKING SHUT-OFF VALVE



Pneumatic 3/2 manual control shut-off valve with exhaust exit, available in 3 different aluminium body sizes with different flow rate ranges, pressure range from 0.15 to 0.9 MPa. This valve has a red knob for easy valve function identification. This valve meets the standard of installation conducted by the operator specified by OSHA (Occupational Safety & Health Administration). When the machinery is maintained and serviced, the purge valve (safe on-off valve) for remaining pressure shall be used to eliminate the remaining pressure when the air source is cut off. Valve must be locked to prevent accidental operation by a third-party during maintenance (Padlock included). This prevents accidental system pressurization & cylinder actuation which can result in injuries to the machine operator. Can be installed in series with other air preparation units. The unit has a locking hole for the optional securing of the switch with a included padlock.

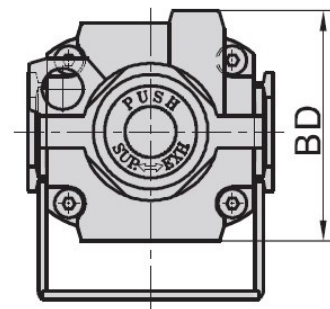
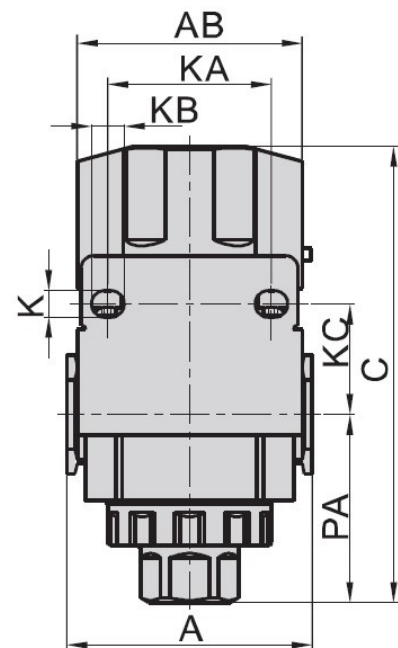
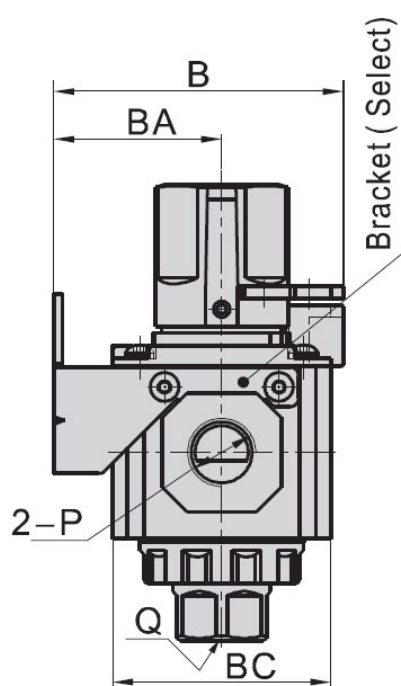


CODE	891706	891707	891708	891709
Body Size	S1	S2	S2	S3
Port Size	G1/8	G1/4	G3/8	G1/2
Exhaust port size	G1/4	G3/8		G1/2
Acting type	Manual			
Valve type	3 port 2 way 			
Pressure Range	0 .. 1.0 MPa			
Proof Pressure	1.5 MPa			
Temperature Range	-20 ... +70 °C			
Operating angle	90°			

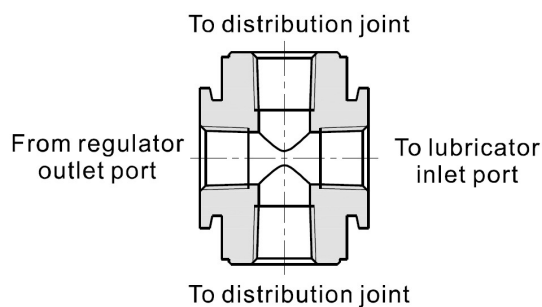


LOCKING SHUT-OFF VALVE

CODE	A	AB	B	BA	BC	BD	C	K	KA	KB	KC	P	PA	Q
891706	47	42	52.6	30	40	42.5	89	5.5	27	8.5	23	G1/8	36.5	G1/4
891707	60	55	70.7	41	53.5	56.5	112.5	6.5	40	8	27	G1/4	46	G3/8
891708	60	55	70.7	41	53.5	56.5	112.5	6.5	40	8	27	G3/8	46	G3/8
891709	75	65	83.9	50	64	66	134	8.5	55	11	33.5	G1/2	58.5	G1/2

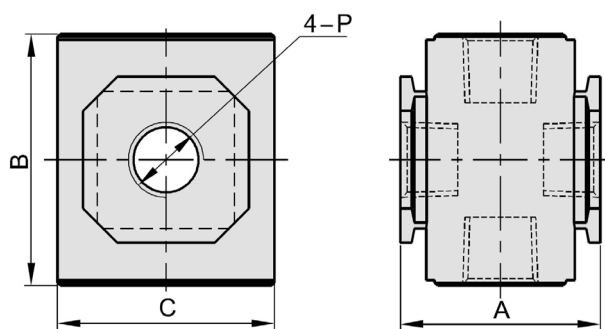


DISTRIBUTION BLOCK



It is installed between regulator (or filter-regulator) and Lubricator. The air flow is divided by the device that one enters Lubricator to supply oil for lubrication and the other (second Way) directly enters the equipment.

CODE	Body Size	A	B	C	D	Way Number	Pressure Range	Proof Pressure	Temperature Range
891711	S1	28.5	36	30	G1/8	4	0 .. 1.0 MPa	1.5 MPa	-20 ... +70 °C
891712	S2	35	44	38	G1/4				
891713	S2	35	44	38	G3/8				
891714	S3	60	76	68	G1/2				



BRACKET

Several kinds of bracket can be selected to connect regulator and lubricator. Optional brackets are type T, L and U

Bracket Type		Body Size	CODE
T Shape		S1	891716
		S2	891717
		S3	891718
L Shape		S1	891720
		S2	891721
		S3	891722
U Shape		S1	891724
		S2	891725
		S3	891726

SPARE PARTS

Spare Parts		Body Size	Capacity cm ³	CODE
Tanks For Filter Regulator		S1	25	891727
		S2	60	891728
		S3	100	891729
Tanks For Lubricator		S1	36	891731
		S2	98	891732
		S3	185	891733
Filter 40 Mm		S1		891735
		S2		891736
		S3		891737