

AIR FILTER / REGULATOR - CITATION

FIRST NAME IN PNEUMATICS

SB02 (G 1/4, G 3/8, G 1/2, G 3/4)

FEATURES

- Shavo's foremost Combination Unit Air Filter / Regulator - Citation Series- combines Filter and Regulator into one compact unit.
- Saves money, saves space
- Wide choice of Secondary Pressure and filter elements.



PARAMETERS	SPECIFICATIONS		
Pipe Threads	Rc 1/4, 3/8, 1/2, 3/4	Taper (F)	- Standard
	BSP / NPT		- Optional
Body Material	Al. Alloy die-cast		
Filter Element Size	5, 25, 50 micron.		
Filter Element Material	Sintered Bronze		- Optional
	Plastic (Polypropylene)		- Standard
Filter Bowl Material	Transparent Polycarbonate		- Standard
	Al. Alloy Metal with sight glass		- Optional
Maximum Inlet Pressure	with PC Bowl	:	10.5 kg/cm ² (150 psig)
	with Metal Bowl	:	17.5 kg/cm ² (250 psig)
Maximum Operating Temperature (ambient)	with PC Bowl	:	50° C (125° F)
	with Metal Bowl	:	80° C (175° F)
Standard Nominal Flow Rate (at 6 bar supply pressure and 1 bar pressure drop)	Rc 1/4		25.2 dm ³ / sec (53 scfm)
	Rc 3/8		32 dm ³ / sec (67 scfm)
	Rc 1/2		50 dm ³ / sec (105 scfm)
	Rc 3/4		72 dm ³ / sec (151 scfm)
Drain	Manual		- Standard
	Automatic		- Optional
Regulator Type	Relieving		- Standard
	Non-Relieving		- Optional
Pressure Adjustment	Non-rising plastic knob		- Standard
	Metal "T" Handle		- Optional
Regulated secondary outlet pressure (spring range) and recommended Pressure gauge ranges available (in kg/cm ²).		Spring Range	Gauge Range
	1	0.20 to 2.10	0 to 2.5
	2	0.35 to 3.50	0 to 4.0
	3	0.7 to 7.00	0 to 10.0
	4	1.0 to 10.00	0 to 16.0
	5	1.75 to 17.50	0 to 20.0
Gauge size	52 mm OD		
Gauge Port size	1/4" BSPT _r .		
Gauge connection	Back		
Bowl Guard	Optional		
Mounting Facility	Optional		
Panel mounting	Possible - Optional		

* Technical know-how, design and drawings originally from C.A. Norgren Co. USA

AIR FILTER / REGULATOR - CITATION

FIRST NAME IN PNEUMATICS

SB02 (G 1/4, G 3/8, G 1/2, G 3/4)

Option Selector

Sample Model Number → **S B O 2 - 4 0 0 - A 3 K A**

Position → **0 1 2 3 - 4 5 6 - 7 8 9 10**

0 Position → **S = Shavo**

1 Unit → **B = Filter / Regulator**

2 3 Series → **02 = Citation Series**

4 Pipe Size

2	=	1/4"
3	=	3/8"
4	=	1/2"
6	=	3/4"

5 6 Bowl

BOWL		Knob type		'T' Handle Type	
		with gauge	without gauge	with gauge	without gauge
Polycarbonate Bowl	Relieving	21	00	71	50
	Non- Relieving	23	22	73	72
Metal Bowl	Relieving	25	24	75	74
	Non- Relieving	27	26	77	76

7 Drain

A	=	Automatic Drain
M	=	Manual Drain

8 Filter Element

Size	Micron	5	25	50
(Sintered Bronze)		1	2	3

9 Secondary Pressure Rating

C	=	2.1 kg/cm ²
E	=	3.5 kg/cm ²
K	=	7.0 kg/cm ²
M	=	10.0 kg/cm ²
S	=	17.5 kg/cm ²

10 Threading

A	=	NPT
B	=	BSPT _r
C	=	BSP Parallel

* Technical know-how, design and drawings originally from C.A. Norgren Co. USA