



FILTERS

Features:

- Bowl guard is standard.

Options:

	<i>Suffix</i>
Automatic drain .....	.D
Metal bowl without sight glass .....	.M
Metal bowl with sight glass .....	.S
Filter element (5 micron) .....	.X

REGULATORS

Features:

- Balance poppet valve design assures superior performance.
- Self-relieving feature prevents excessive pressure build-up.
- Adjusting knob locks in place to maintain pressure setting.

Options:

	<i>Suffix</i>
Gauge .....	.G
Extra low pressure spring (0 - 20 PSI) ...	.J
Low pressure spring (0 - 50 PSI) .....	.L

LUBRICATORS

Features:

- Adjustment cap is removable to lock delivery rate in place.
- Oil delivery is constant with both steady and pulsating air flows.
- Clear drip tube gives visual indication of oil flow.

Options:

	<i>Suffix</i>
Metal bowl without sight glass .....	.M
Metal bowl with sight glass .....	.S



CRUSADER SERIES

Features:

- Compact and rugged.
- Assemblies provide space saving configurations and reduce installation time.

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.

See page 45 for ordering information, specifications, accessories and repair kits.

FILTER / REGULATOR (COMBO)

Features:

- 0 - 125 PSI pressure range.
- Balanced poppet valve design assures superior performance.

Options:

	<i>Suffix</i>
Automatic drain .....	.D
Gauge .....	.G
Extra low pressure spring (0 - 20 PSI) ...	.J
Low pressure spring (0 - 50 PSI) .....	.L
Metal bowl without sight glass .....	.M
Metal bowl with sight glass .....	.S
Filter element (5 micron) .....	.X

FILTER / REGULATOR - LUBE (DUO)

Features:

- Gauge included uninstalled so it can be used on either side.
- Bowl guard is standard.

Options:

	<i>Suffix</i>
Automatic drain .....	.D
Extra low pressure spring (0 - 20 PSI) ...	.J
Low pressure spring (0 - 50 PSI) .....	.L
Metal bowl without sight glass .....	.M
Metal bowl with sight glass .....	.S
Filter element (5 micron) .....	.X

FILTER - REGULATOR - LUBE (TRIO)

Features:

- Gauge included uninstalled so it can be used on either side.
- Bowl guard is standard.

Options:

	<i>Suffix</i>
Automatic drain .....	.D
Extra low pressure spring (0 - 20 PSI) ...	.J
Low pressure spring (0 - 50 PSI) .....	.L
Metal bowl without sight glass .....	.M
Metal bowl with sight glass .....	.S
Filter element (5 micron) .....	.X

Item	Pipe Size	Model	Display Model
Filter	1/4"	A111D	A111-CS
Filter	3/8"	A112F	A112-CS
Regulator	1/4"	A116D	A116-CS
Regulator	3/8"	A117F	A117-CS
Lubricator	1/4"	A121D	A121-CS
Lubricator	3/8"	A122F	A122-CS
Combo	1/4"	A101D	A101-CS
Combo	3/8"	A102F	A102-CS
Duo	1/4"	A115D-G	–
Duo	3/8"	A115F-G	–
Trio	1/4"	A114D-G	–
Trio	3/8"	A114F-G	–
Accessories and Repair Kits		Model	Display Model
Filter –			
Automatic drain		A128AD	–
Metal bowl without sight glass		A112-41M	–
Metal bowl with sight glass		A112-41S	–
Repair kit		A122FK	–
Regulator –			
Mounting bracket and panel nut		A108-MB	–
Gauge 1 1/2" Dial (0 - 60 PSI)		A2543	–
Gauge 1 1/2" Dial (0 - 160 PSI)		A2544	A2544-BL
Repair kit		A122RK	–
Lubricator –			
Metal bowl without sight glass		A122-41M	–
Metal bowl with sight glass		A122-41S	–
Repair kit		A122LK	–

See page 39 for gauges.

FILTERS

Supply Pressure	Pressure Drop				
	1	2	3	4	5
1/4" at 25 PSI	10	19	22	25	26
3/8" at 25 PSI	15	22	30	36	33
1/4" at 100 PSI	22	32	40	45	50
3/8" at 100 PSI	30	41	52	60	65

Note: All values are approximate. **SCFM**

REGULATORS

Supply 100 PSI Regulated Pressure	Pressure Drop		
	5	10	15
1/4" at 25 PSI	7	25	40
3/8" at 25 PSI	7	25	40
1/4" at 50 PSI	7	15	50
3/8" at 50 PSI	7	15	80
1/4" at 75 PSI	7	20	60
3/8" at 75 PSI	7	20	80

Note: All values are approximate. **SCFM**

LUBRICATORS

Supply Pressure	Pressure Drop				
	1	2	3	4	5
1/4" at 25 PSI	3	6	7.5	9	11
3/8" at 25 PSI	8	18	26	30	32
1/4" at 100 PSI	6.5	8	13	16	–
3/8" at 100 PSI	29	43	52.5	58	62

Note: All values are approximate. **SCFM**

	Filters	Regulators	Lubricators	Combo	Duo	Trio
Maximum supply pressure:						
Standard:	150 PSI	250 PSI	150 PSI	150 PSI	250 PSI	150 PSI
Metal bowl:	250 PSI	–	250 PSI	250 PSI	–	250 PSI
Operating pressure range:	–	0 - 125 PSI	–	–	0 - 125 PSI	0 - 125 PSI
Maximum operating temperature:						
Standard:	120° F	250° F	120° F	120° F	120° F	120° F
Metal bowl:	250° F	–	250° F	250° F	250° F	250° F
Height:	6"	4"	6 1/2"	8"	8"	8"
Diameter:	2"	2"	2"	2"	–	–
Weight:	1/2 lb.	1/2 lb.	1/2 lb.	1/2 lb.	1.1 lbs.	1.75 lbs.
Bowl capacity:	3.8 oz.	–	3.8 oz.	3.8 oz.	3.8 oz.	3.8 oz.
Material:						
Body:	Die-cast zinc					
Standard bowl:	Transparent polycarbonate					
Metal bowl:	Die-cast zinc					
Filter element:	Porous polypropylene					
Adjusting knob:	High-impact plastic					
Filter element (standard):	40 micron					
Filter element (option):	5 micron					

WARNING: Although polycarbonate bowls are capable of withstanding extreme physical abuse, they are susceptible to damage and may possibly burst when subjected to some cleaning products and synthetic oils, particularly phosphate esters. Should there be any questions regarding their compatibility with your applications, consult the factory or use a metal bowl.



To order, call 732-432-7177.