

## Air Filters, Lubricators and Regulators

### Compressed Air Filters

To remove condensed water and contaminants, general purpose filters should be used. There should be a large filter in the main distribution line immediately after the compressor accumulator tank. And as a general rule, another smaller airline filter should be placed in the line within 20 feet of the equipment it will protect. This will ensure the removal of solid particles at the point of use and most of the condensed moisture in the line.

### Compressed Air Regulators

Pneumatic equipment is designed to work at a certain pressure. Most equipment will operate beyond recommended pressure, however this can cause excess torque, force, and wear and wastes compressed air. Proper pressure insures maximum life and efficiency of equipment.

### Compressed Air Lubricators

Most moving parts require lubrication. The efficiency of cylinders, valves and air motors is improved when they are supplied with adequate lubrication. Amflo Compressed Air Line Lubricators automatically provide this lubrication in a nearly constant oil-to-air ratio over a wide range of air flows. The air passing through the operated device in a fine micro-fog. Because this very fine mist can be carried over a longer distance than other lubricators, these units can serve more than one tool at one time.



#### FILTERS

##### Specifications

Fluid: Compressed air  
 Maximum Inlet Pressure: Transparent Bowl: 150 psig  
 Metal Bowl: 250 psig  
 Maximum Temperature: Transparent Bowl: 125° F  
 Metal Bowl: 175° F



#### REGULATORS

##### Specifications

Fluid: Compressed air  
 Maximum Inlet Pressure: 300 psig  
 Temperature Range: Mini: 0° to 150° F  
 Standard: 0° to 175° F  
 Gauge Port (full flow) : Mini: 2-1/8" NPT  
 Standard: 2-1/4" NPT  
 Outlet Range: 5 - 125 psi



#### LUBRICATORS

##### Specifications

Fluid: Compressed air  
 Maximum Inlet Pressure: Transparent Bowl: 150 psig  
 Metal Bowl: 250 psig  
 Maximum Temperature: Transparent Bowl: 125° F  
 Metal Bowl: 175° F



#### FILTER / REGULATOR

##### Specifications

Fluid: Compressed air  
 Maximum Inlet Pressure: Transparent Bowl: 150 psig  
 Metal Bowl: 250 psig  
 Maximum Temperature: Transparent Bowl: 125° F  
 Metal Bowl: 175° F  
 Gauge Port (full flow) : Mini: 2-1/8" NPT  
 Standard: 2-1/4" NPT  
 Outlet Range: 5 - 125 psi



FILTERS - MINI & STANDARD				
BODY SIZE	PORT SIZE	BOWL TYPE	PART NO.	PRICE EACH
Mini	1/4"	Metal	F08-02AMB	\$41.84
3/8"	1/4"	Poly	4010A-99	43.38
3/8"	3/8"	Poly	4020A-99	44.29
1/2"	1/2"	Poly	4030	59.26
1"	3/4"	Metal	4041	140.37
1"	1"	Metal	4050	131.08
REGULATORS - MINI & STANDARD				
BODY SIZE	PORT SIZE	GAUGE	PART NO.	PRICE EACH
Mini	1/4"	Optional	4100	\$25.25
3/8"	1/4"	Optional	4115A-99	36.48
3/8"	3/8"	Optional	4125A-99	35.46
1/2"	1/2"	Optional	4135	60.40
1"	3/4"	Optional	4141	93.66
1"	1"	Optional	4155	114.33
LUBRICATORS - MINI & STANDARD				
BODY SIZE	PORT SIZE	BOWL TYPE	PART NO.	PRICE EACH
Mini	1/4"	Poly	4200	\$46.02
3/8"	1/4"	Poly	4210A-99	55.35
3/8"	3/8"	Poly	4220A-99	55.35
1/2"	1/2"	Poly	4230	64.64
1/2"	3/4"	Poly	4240	73.56
1"	1"	Metal	4250	130.68
PIGGYBACK FILTER / REGULATOR				
BODY SIZE	PORT SIZE	BOWL TYPE	PART NO.	PRICE EACH
Mini	1/4"	Poly	4300	\$53.50
3/8"	1/4"	Poly	4310A-99	76.95
3/8"	3/8"	Poly	4320A-99	76.30
1/2"	1/2"	Poly	4330	105.37
BRACKETS				
BODY SIZE	-----	PANEL NUT	PART NO.	PRICE EACH
3/8"	-----	No	4071A-99	\$8.96