

GRAINGER®

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4ZL30

General Purpose Filters



- Filter to 5 microns
- Max. pressure: 150 psi (polycarbonate bowl), 250 psi (metal bowl)
- Max. temp.: 125°F (polycarbonate bowl), 175°F (metal bowl)
- Modular connector allows easy removal and swap out

Note: Polycarbonate bowls are not recommended for use in atmospheres containing chemicals such as acetone, benzene, carbon tetrachloride, ethylene dichloride, gasoline, toluene, and/or air compressor systems using synthetic fire-resistant lubricants.

For Use On	Filter Rating	For Use with Stock Number	Item No.
Replacement Compressed Air Filter Elements			
Compact	5 micron	4ZL27-4ZL30	4ZK69
	40 micron	4ZK82-4ZK85	4ZK68
	5 micron	4ZK78, 4ZK79, 4ZL09-4ZL11	4ZK60
Heavy Duty	5 micron	4ZL12, 4ZL14	4ZK66
	40 micron	4ZL09, 4ZL10, 4ZL11	4ZK61
	40 micron	4ZL12, 4ZL14	4ZK67
Intermediate	5 micron	4ZK86-4ZK91, 4ZL37-4ZL42	4ZK54
	40 micron	4ZK86-4ZK93	4ZK55
Miniature	5 micron	4ZL07, 4ZL08	4ZK65
Standard	5 micron	4ZK94-4ZL02, 4ZL47-4ZL52	4ZK44
	40 micron	4ZK94-4ZL02, 4ZL47-4ZL52	4ZK45
For Use With		Includes	Item No.
Air Filter Bowl Replacement Kits			
Speedaire Miniature Filters		Bowl and O-Ring	1AKG5
Speedaire Standard Filters		Bowl, Bowl Guard, O-Ring	1AKG7



4ZM08



4ZK51



General Purpose Regulators

- Max. temp. 150°F on miniature and compact units, 175°F on intermediate, standard, and heavy-duty regulators
- Modular connector allows easy removal and swap out

Feature 2 full-flow gauge ports. T-handle adjustment is optional. Manifold regulators provide multiple pressures from a common inlet.

WARNING: Do not connect regulator to bottled gas.

Description	Pipe Size	Gauge Port	Max. Flow*	Max. Inlet Pressure	Adjustment Range	Overall Height	Overall Width	Item No.
Miniature (compressor)	1/4 in	1/8 in NPT	12 cfm	300 psi	5 to 150 psi	2.25 in	1.65 in	4ZM13
Miniature	1/8 in	1/8 in NPT	14 cfm	300 psi	5 to 125 psi	2.91 in	1.63 in	4ZM07
Miniature (brass body)	1/4 in	1/8 in NPT	15 cfm	300 psi	5 to 125 psi	2.91 in	1.63 in	4ZM08
Compact	1/8 in	1/8 in NPT	15 cfm	400 psi	5 to 125 psi	2.86 in	1.48 in	4ZM05
	1/4 in	1/8 in NPT	15 cfm	400 psi	5 to 125 psi	2.86 in	1.48 in	4ZM06
	3/8 in	1/8 in NPT	80 cfm	300 psi	5 to 150 psi	4.19 in	1.97 in	4ZM14
Compact (manifold)	3/8 in	1/8 in NPT	80 cfm	300 psi	5 to 150 psi	4.19 in	1.97 in	4ZM15
	1/4 in	1/8 in NPT	90 cfm	300 psi	Non-Adjustable, 30 psi	4.07 in	1.97 in	1WH33
	3/8 in	1/8 in NPT	140 cfm	300 psi	5 to 150 psi	4.19 in	1.97 in	4ZM16
Intermediate	1/4 in	1/4 in NPT	144 cfm	300 psi	5 to 150 psi	5.34 in	2.68 in	4ZM17
	1/2 in	1/4 in NPT	208 cfm	300 psi	5 to 150 psi	5.34 in	2.68 in	4ZM18
	3/4 in	1/4 in NPT	220 cfm	300 psi	5 to 150 psi	5.34 in	2.68 in	4ZM19
Standard	1/2 in	1/4 in NPT	220 cfm	300 psi	5 to 150 psi	6.67 in	3.15 in	4ZM20
	3/4 in	1/4 in NPT	220 cfm	300 psi	5 to 150 psi	6.67 in	3.15 in	4ZM21
	1 in	1/4 in NPT	450 cfm	300 psi	5 to 125 psi	6.67 in	3.15 in	4ZM22
Heavy-Duty	1 1/2 in	1/4 in NPT	450 cfm	300 psi	5 to 125 psi	7.09 in	4.25 in	4ZM23
	2 in	1/4 in NPT	2,000 cfm	450 psi	5 to 125 psi	7.09 in	4.25 in	4ZM09
					5 to 150 psi	7.91 in	5.98 in	4ZM10

* cfm flow measured with 150 psig inlet adjusted to set pressure of 90 psig (while increasing flow) and a 15 psig drop.



4ZK76



4ZK84



General Purpose All-in-One Filter/Regulator

- 40-micron filter elements (Mini are 0.01 and Miniature are 5 micron)
- Polycarbonate bowl: 150 max. psi; metal bowl: 250 max. psi
- Modular connector allows easy removal and swap out

Note: Polycarbonate bowls are not recommended for use in atmospheres containing chemicals such as acetone, benzene, carbon tetrachloride, ethylene dichloride, gasoline, toluene, and/or air compressor systems using fire-resistant lubricants.

WARNING: Do not connect to bottled gas.

Description	Pipe Size	Max. Flow*	Overall Height	Overall Width	Item No.
Polycarbonate					
Miniature	1/8" NPT	20 cfm	4 3/8 in	1 5/8 in	4ZL07
Miniature	1/4" NPT	26 cfm	4 3/8 in	1 5/8 in	4ZL08
Polycarbonate with Guard					
Compact	1/4" NPT	—	6 9/16 in	1 15/16 in	4ZL28
	3/8" NPT	—	6 9/16 in	1 15/16 in	4ZL30
	1/2" NPT	55 cfm	7 1/8 in	2 1/16 in	4ZL38
Intermediate	3/8" NPT	—	7 1/8 in	2 1/16 in	4ZL40
	1/2" NPT	70 cfm	7 1/8 in	2 1/16 in	4ZL42
	3/4" NPT	—	7 1/8 in	3 1/8 in	4ZL48
Standard	1/2" NPT	—	7 1/8 in	3 1/8 in	4ZL50
	3/4" NPT	—	7 1/8 in	3 1/8 in	4ZL52
Metal with Sight Gauge					
Compact	1/4" NPT	—	6 9/16 in	1 15/16 in	4ZL27
	3/8" NPT	—	6 9/16 in	1 15/16 in	4ZL29
	1/2" NPT	55 cfm	7 1/8 in	2 1/16 in	4ZL37
Intermediate	3/8" NPT	—	7 1/8 in	2 1/16 in	4ZL39
	1/2" NPT	70 cfm	7 1/8 in	2 1/16 in	4ZL41
	3/4" NPT	—	7 1/8 in	3 1/8 in	4ZL47
Standard	1/2" NPT	—	7 1/8 in	3 1/8 in	4ZL49
	3/4" NPT	—	7 1/8 in	3 1/8 in	4ZL51
	1" NPT	—	11 1/8 in	4 3/8 in	4ZL09
Heavy-Duty	1 1/2" NPT	—	11 1/8 in	4 3/8 in	4ZL10
	1 1/2" NPT	—	11 1/8 in	4 3/8 in	4ZL11
	1 1/2" NPT	—	16 1/8 in	8 1/4 in	4ZL12
Heavy-Duty with Automatic Drain	2" NPT	—	16 1/8 in	8 1/4 in	4ZL14

* cfm based on 90 psig inlet and 5 psig pressure drop.

For Use On		Item No.
Panel-Mounting Nuts		
Miniature Regulator and filter/regulator		4ZK13
Compact Regulator		4ZK32
Intermediate Regulator		4ZK58
Standard Regulator and filter/ regulatorRegulator		4ZK49
Mounting Brackets		
Miniature Regulator and filter/regulator		4ZK12
Compact Regulator		4ZK73
Intermediate Regulator		4ZK57
Standard Regulator and filter/regulator		4ZK50
Heavy Duty Regulator		4ZK63
T-Handle Conversion Kits		
Compact Regulator		4ZK22
Intermediate Regulator		4ZK51
Standard Regulator		4ZK33
Heavy Duty Regulator		4ZK64
Tamper-Resistant Covers		
Compact Regulator		5ZL32
Intermediate Regulator		5ZL33
Standard Regulator		5ZL34
Connec. Size	Dial Size	Item No.
Commercial Pressure Gauges		
1/8 in NPT	1 1/2 in	4FLZ8
1/4 in NPT	2 in	4FMC7