



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.                       |
|---|---------------|---------------------------|--------------------------------|
| <b>Replacement Compressed Air Filter Elements</b> |               |                           |                                |
| 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                          |
|   | 5 micron      | 4ZK94-4ZL02, 4ZL47-4ZL52  | 4ZK44                          |
| Standard  | 40 micron     | 4ZK94-4ZL02, 4ZL47-4ZL52  | 4ZK45                          |
| <b>For Use With</b>                               |               |                           |                                |
| <b>Air Filter Bowl Replacement Kits</b>           |               |                           | <b>Item No.</b>                |
| 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    |
|                        | 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    |
| Compact                | 1/2 in    | 1/8 in NPT | 80 cfm     | 300 psi             | 5 to 150 psi           | 4.19 in        | 1.97 in       | 4ZM14    |
|                        | 1/2 in    | 1/8 in NPT | 80 cfm     | 300 psi             | 5 to 150 psi           | 4.19 in        | 1.97 in       | 4ZM15    |
|                        | 1/2 in    | 1/8 in NPT | 70 cfm     | 300 psi             | Non-Adjustable, 30 psi | 4.07 in        | 1.97 in       | 1WH33    |
| Compact (manifold)     | 1/4 in    | 1/8 in NPT | 90 cfm     | 300 psi             | 5 to 150 psi           | 4.19 in        | 1.97 in       | 4ZM16    |
|                        | 1/2 in    | 1/8 in NPT | 140 cfm    | 300 psi             | 5 to 150 psi           | 4.19 in        | 1.97 in       | 4ZM17    |
|                        | 1/4 in    | 1/4 in NPT | 144 cfm    | 300 psi             | 5 to 150 psi           | 5.34 in        | 2.68 in       | 4ZM18    |
| Intermediate           | 1/2 in    | 1/4 in NPT | 208 cfm    | 300 psi             | 5 to 150 psi           | 5.34 in        | 2.68 in       | 4ZM19    |
|                        | 1/2 in    | 1/4 in NPT | 220 cfm    | 300 psi             | 5 to 150 psi           | 5.34 in        | 2.68 in       | 4ZM20    |
|                        | 1/2 in    | 1/4 in NPT | 220 cfm    | 300 psi             | 5 to 150 psi           | 6.67 in        | 3.15 in       | 4ZM21    |
|                        | 1/2 in    | 1/4 in NPT | 220 cfm    | 300 psi             | 5 to 150 psi           | 6.67 in        | 3.15 in       | 4ZM22    |
|                        | 3/4 in    | 1/4 in NPT | 220 cfm    | 300 psi             | 5 to 150 psi           | 6.67 in        | 3.15 in       | 4ZM23    |
|                        | 3/4 in    | 1/4 in NPT | 450 cfm    | 300 psi             | 5 to 125 psi           | 7.09 in        | 4.25 in       | 4ZM09    |
|                        | 1 in      | 1/4 in NPT | 450 cfm    | 300 psi             | 5 to 125 psi           | 7.09 in        | 4.25 in       | 4ZM10    |
| Heavy-Duty             | 1 1/2 in  | 1/4 in NPT | 450 cfm    | 300 psi             | 5 to 125 psi           | 7.09 in        | 4.25 in       | 4ZM11    |
|                        | 2 in      | 1/4 in NPT | 2,000 cfm  | 450 psi             | 5 to 150 psi           | 9.71 in        | 5.98 in       | 4ZM12    |

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

| Description                     | Pipe Size  | Max. Flow* | Overall Height | Overall Width | Item No. |
|---------------------------------|------------|------------|----------------|---------------|----------|
| <b>Polycarbonate</b>            |            |            |                |               |          |
| Miniature                       | 1/8" NPT   | 20 cfm     | 4 3/8 in       | 1 3/8 in      | 4ZL07    |
|                                 | 1/4" NPT   | 26 cfm     | 4 3/8 in       | 1 3/8 in      | 4ZL08    |
| <b>Polycarbonate with Guard</b> |            |            |                |               |          |
| Compact                         | 1/4" NPT   | —          | 6 3/8 in       | 1 1/8 in      | 4ZL28    |
|                                 | 3/8" NPT   | —          | 6 3/8 in       | 1 1/8 in      | 4ZL30    |
|                                 | 1/2" NPT   | 55 cfm     | 7 1/8 in       | 2 1/8 in      | 4ZL38    |
| Intermediate                    | 3/8" NPT   | —          | 7 1/8 in       | 2 1/8 in      | 4ZL40    |
|                                 | 1/2" NPT   | 70 cfm     | 7 1/8 in       | 2 1/8 in      | 4ZL42    |
|                                 | 3/8" 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    |
| <b>Metal with Sight Gauge</b>   |            |            |                |               |          |
| Compact                         | 1/4" NPT   | —          | 6 3/8 in       | 1 1/8 in      | 4ZL27    |
|                                 | 3/8" NPT   | —          | 6 3/8 in       | 1 1/8 in      | 4ZL29    |
|                                 | 1/2" NPT   | 55 cfm     | 7 1/8 in       | 2 1/8 in      | 4ZL37    |
| Intermediate                    | 3/8" NPT   | —          | 7 1/8 in       | 2 1/8 in      | 4ZL39    |
|                                 | 1/2" NPT   | 70 cfm     | 7 1/8 in       | 2 1/8 in      | 4ZL41    |
|                                 | 3/8" 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      | 4ZL53    |
| Heavy-Duty                      | 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.       |
|--|----------------|
| <b>Panel-Mounting Nuts</b>               |                |
| Miniature Regulator and filter/regulator | 4ZK13          |
| Compact Regulator                        | 4ZK32          |
| Intermediate Regulator                   | 4ZK58          |
| Standard Regulator and filter/regulator  | 4ZK49          |
| <b>Mounting Brackets</b>                 |                |
| Miniature Regulator and filter/regulator | 4ZK12          |
| Compact Regulator                        | 4ZK73          |
| Intermediate Regulator                   | 4ZK57          |
| Standard Regulator and filter/regulator  | 4ZK50          |
| Heavy Duty Regulator                     | 4ZK63          |
| <b>T-Handle Conversion Kits</b>          |                |
| Intermediate Regulator                   | 4ZK51          |
| Standard Regulator                       | 4ZK33          |
| Heavy Duty Regulator                     | 4ZK64          |
| <b>Tamper-Resistant Covers</b>           |                |
| Compact Regulator                        | 5ZL32          |
| Intermediate Regulator                   | 5ZL33          |
| Standard Regulator                       | 5ZL34          |
| <b>Connec. Size</b>                      |                |
| <b>Commercial Pressure Gauges</b>        |                |
| 1/8 in NPT                               | 1 1/2 in 4FLZ8 |
| 1/4 in NPT                               | 2 in 4FMC7     |



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.**

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| Description  | Pipe Size  | Max. Flow* | Max. Temp. | Overall Height | Overall Width | Item No. |
|--|------------|------------|------------|----------------|---------------|----------|
| <b>Polycarbonate Bowls with Guard</b>                            |            |            |            |                |               |          |
| Compact  | 1/4 in NPT | 80 cfm     | 125 °F     | 8.72 in        | 2 in          | 4ZK83    |
|  | 3/8 in NPT | 80 cfm     | 125 °F     | 8.72 in        | 2 in          | 4ZK85    |
|  | 1/4 in NPT | 80 cfm     | 125 °F     | 9.95 in        | 2 1/8 in      | 4ZK87    |
| Intermediate   | 3/8 in NPT | 120 cfm    | 125 °F     | 9.95 in        | 2 1/8 in      | 4ZK89    |
|  | 1/2 in NPT | 120 cfm    | 125 °F     | 9.95 in        | 2 1/8 in      | 4ZK91    |
| Intermediate w/Gauge and Bracket                                 | 1/4 in NPT | 80 cfm     | 125 °F     | 9.95 in        | 2 1/8 in      | 4ZK92    |
|  | 3/8 in NPT | 120 cfm    | 125 °F     | 9.95 in        | 2 1/8 in      | 4ZK93    |
| <b>Polycarbonate Bowls w/Nonrising Knob Bowl Adjust</b>          |            |            |            |                |               |          |
| Miniature  | 1/8 in NPT | 13 cfm     | 125 °F     | 6.57 in        | 1 5/8 in      | 4ZK74    |
|  | 1/4 in NPT | 14 cfm     | 125 °F     | 6.57 in        | 1 5/8 in      | 4ZK75    |
| Miniature w/Brass Body   | 1/4 in NPT | 12 cfm     | 125 °F     | 6.57 in        | 1 1/2 in      | 4ZK77    |
| Miniature w/Gauge and Bracket                                    | 1/4 in NPT | 14 cfm     | 125 °F     | 6.57 in        | 1 5/8 in      | 4ZK76    |
| <b>Polycarbonate Bowls</b>                                       |            |            |            |                |               |          |
| Mini Oil Removal (Coalescing)                                    | 1/8 in NPT | 4 cfm      | 125 °F     | 6.57 in        | 1 5/8 in      | 4ZK80    |
|  | 1/4 in NPT | 4 cfm      | 125 °F     | 6.57 in        | 1 5/8 in      | 4ZK81    |
|  | 3/8 in NPT | 163 cfm    | 125 °F     | 11.93 in       | 3 1/8 in      | 4ZK95    |
| Standard   | 1/2 in NPT | 212 cfm    | 125 °F     | 11.93 in       | 3 1/8 in      | 4ZK97    |
|  | 3/4 in NPT | 212 cfm    | 125 °F     | 11.93 in       | 3 1/8 in      | 4ZK99    |
|  | 1/2 in NPT | 212 cfm    | 125 °F     | 11.93 in       | 3 1/8 in      | 4ZL01    |
| Standard w/Gauge and Bracket                                     | 3/4 in NPT | 212 cfm    | 125 °F     | 11.93 in       | 3 1/8 in      | 4ZL02    |
| <b>Metal Bowls with Sight Glass w/Nonrising Knob Bowl Adjust</b> |            |            |            |                |               |          |
| Heavy-Duty (Yoke-Mount)  | 3/4 in NPT | 509 cfm    | 175 °F     | 15.04 in       | 7 1/2 in      | 4ZK78    |
|  | 1 in NPT   | 509 cfm    | 175 °F     | 15.04 in       | 7 1/2 in      | 4ZK79    |
| <b>Metal Bowls with Sight Glass</b>                              |            |            |            |                |               |          |
| Compact  | 1/4 in NPT | 80 cfm     | 150 °F     | 8.72 in        | 2 in          | 4ZK82    |
|  | 3/8 in NPT | 80 cfm     | 150 °F     | 8.72 in        | 2 in          | 4ZK84    |
|  | 1/4 in NPT | 80 cfm     | 175 °F     | 9.95 in        | 2 1/8 in      | 4ZK86    |
| Intermediate   | 3/8 in NPT | 120 cfm    | 175 °F     | 9.95 in        | 2 1/8 in      | 4ZK88    |
|  | 1/2 in NPT | 120 cfm    | 175 °F     | 9.95 in        | 2 1/8 in      | 4ZK90    |
| <b>Metal Bowls</b>   |            |            |            |                |               |          |
| Standard   | 3/8 in NPT | 163 cfm    | 175 °F     | 11.93 in       | 3 1/8 in      | 4ZK94    |
|  | 1/2 in NPT | 140 cfm    | 175 °F     | 11.93 in       | 3 1/8 in      | 4ZK96    |
|  | 3/4 in NPT | 212 cfm    | 175 °F     | 11.93 in       | 3 1/8 in      | 4ZK98    |

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