

# *Air Logic*® Pneumatic Components and Systems



## Assortment Kits



## Introduction to Air Logic

The Air Logic Division of Fred Knapp Engraving Company designs and manufactures a comprehensive line of Assortment Kits which include Inline Filters, Orifice Restrictors, Bulkhead Connectors and various Plastic Fittings.

The Filter Assortment Kits contain a selection of three models. The F-950 Series is an inline filter with barbs for 1/16" or 1/8" I.D. tubing. The F-960 Series filter is encased in a male 10-32 UNF threaded housing with barbs for 1/16" or 1/8" I.D. tubing. The F-970 Series Filter is encased in a female 10-32 UNF threaded housing. Available in 5, 25, 43, or 73 microns.

The Orifice Assortment Kits contain a selection of three models. The F-2815 Series for inline installation, the F-2815-B80, B85 Series with barbs for 1/16" or 1/8" I.D. flexible tubing and the F-3120 Series encased in a 10-32 UNF barbed fitting. The orifices are available in diameters from .004" to .040".

The Bulkhead Connector Kits contain a selection of two models, the Reducing and Straight Bulkhead Connector. The Connectors join 1/16", 1/8" or .170 I.D. flexible tubing.

The Swivel Fitting Assortment Kits contain a selection of three models, 10-32 UNF threads, 1/8-27 NPT or 1/4-18 NPT. The straight Swivel, the Swivel Elbow and the Swivel Tee are available. The unique design (Patent #4,946,204) allows the fitting to swivel 360°.

The Plastic Fitting Assortment Kits contain a selection of miniature unions, reducing connectors, 10-32 UNF Barbed Fittings, Tees, Elbows, Crosses, 10-32 UNF Plugs, 10-32 UNF Nipples, Straight Swivels, Swivel Elbows and Tees. (Patent #4, 946,20)

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### INDEX

| Filter Assortment Kits                      | Page |
|---------------------------------------------|------|
| Inline Filter Kit .....                     | 2    |
| Threaded Filter Kit .....                   | 2    |
| Female 10-32 Filter Kit .....               | 2    |
| Orifice Restrictor Kits                     |      |
| Straight Orifice Kit .....                  | 3    |
| 1/16" Barbed Orifice Kit .....              | 3    |
| 1/8" Barbed Orifice Kit .....               | 4    |
| Straight and Barbed Orifice Kit .....       | 4    |
| 10-32 x 1/16" Barbed Orifice Kit .....      | 5    |
| 10-32 x 1/8" Barbed Orifice Kit .....       | 5    |
| 10-32 Medium Barbed Orifice Kit .....       | 6    |
| Master Orifice Assortment Kit .....         | 6    |
| Bulkhead Connector Kits                     |      |
| Bulkhead Connector Kit .....                | 7    |
| Swivel Fitting Assortment Kits              |      |
| 10-32 UNF Swivel Fitting Kit .....          | 8    |
| 1/8-27 NPT Swivel Fitting Kit .....         | 8    |
| 1/4-18 NPT Swivel Fitting Kit .....         | 8    |
| Plastic Fitting Assortment Kits             |      |
| Basic Plastic Fitting Assortment Kit .....  | 9    |
| Medium Plastic Fitting Assortment Kit ..... | 9    |
| Master Plastic Fitting Assortment Kit ..... | 10   |

## Assortment Kit Selection Guide

Please order your Kit selection by Model Number. Assortment Kits are available in three sizes: The Basic Kit, the Medium Kit-100, and the Master Kit-200. Barb size is designated with B80 for 1/16" or B85 for 1/8" I.D. Tubing.

### Model Number Selection

|                     |                         |
|---------------------|-------------------------|
| <b>F-3140-200</b>   |                         |
| <b>Model Number</b> | <b>Accessory Number</b> |

### Model Number Selection

| Selection           | Model Number | Description                                                                                                                                                              |
|---------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Filters             | F-950-100    | 1/16" and 1/8" I.D. Barbed Inline Filters                                                                                                                                |
|                     | F-960-100    | Male 10-32 Barbed Filters                                                                                                                                                |
|                     | F-970-100    | Female 10-32 Filters                                                                                                                                                     |
| Orifice Restrictors | F-2815       | Inline Orifice Restrictors                                                                                                                                               |
|                     | F-2815-B80   | 1/16" I.D. Barbed Orifice Restrictors                                                                                                                                    |
|                     | F-2815-B85   | 1/8" I.D. Barbed Orifice Restrictors                                                                                                                                     |
|                     | F-2815-100   | Assorted 1/16" and 1/8" I.D. Barbed Orifice Restrictors                                                                                                                  |
|                     | F-3120-B80   | 10-32 x 1/16" I.D. Barbed Orifice Restrictors                                                                                                                            |
|                     | F-3120-B85   | 10-32 x 1/8" I.D. Barbed Orifice Restrictors                                                                                                                             |
|                     | F-3120-100   | Assorted 10-32 x 1/16" and 1/8" Barbed Orifice Restrictors                                                                                                               |
|                     | F-2815-200   | Assorted Inline Orifices, 1/16", 1/8", and 10-32 Barbed Orifices                                                                                                         |
| Bulkhead Connector  | F-3100       | Assorted Reducing and Straight Bulkhead Connectors                                                                                                                       |
| Swivel Fittings     | F-3150       | Assorted 10-32 Straights, Elbows and Tees                                                                                                                                |
|                     | F-3250       | Assorted 1/8"-27 NPT Straights, Elbows and Tees                                                                                                                          |
|                     | F-3350       | Assorted 1/4" -18 NPT Straights, Elbows and Tees                                                                                                                         |
| Plastic Fittings    | F-3140       | Assorted 10-32 Plugs and Nipples, 1/16", 1/8" and .170" Barbed Fittings, Unions, Reducers and Tees                                                                       |
|                     | F-3140-100   | Assorted 10-32 Plugs and Nipples, 1/16", 1/8" and .170" Barbed Fittings, Unions, Elbows and Tees                                                                         |
|                     | F-3120-200   | Assorted 10-32 Plugs and Nipples, 1/16", 1/8" and .170" Barbed Fittings, Unions, Reducers, Elbows, Tees, Crosses, Bulkhead Connectors, Straight Swivels, Elbows and Tees |



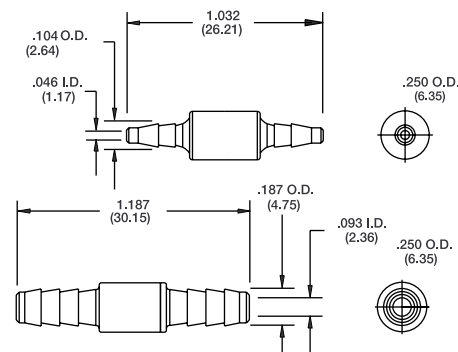
# Filter Assortment Kits

Air Logic offers a disposable filter which is available in 5, 25, 43, and 73 microns. The housing is precision molded of polysulfone material. The stainless steel mesh screen has a Dutch weave which is resistant to high pressure. Maximum supply pressure is 125 PSI. The filters are available for inline applications or with 10-32 UNF threads. There are 2 of each filter included in these kits.

## F-950-100 Inline Filter Assortment Kit

The F-950-100 Inline Filter Assortment Kit offers 5, 25, 43 and 73 micron filter sizes. The filter is available with barbs for 1/16" and 1/8" I.D. flexible tubing. There are two of each filter included in this kit.

| Model No.    | Micron Size | Barb Size |
|--------------|-------------|-----------|
| F-950-5-B80  | 5 um        | 1/16"     |
| F-950-25-B80 | 25 um       | 1/16"     |
| F-950-43-B80 | 43 um       | 1/16"     |
| F-950-73-B80 | 73 um       | 1/16"     |
| F-950-5-B85  | 5 um        | 1/8"      |
| F-950-25-B85 | 25 um       | 1/8"      |
| F-950-43-B85 | 43 um       | 1/8"      |
| F-950-73-B85 | 73 um       | 1/8"      |



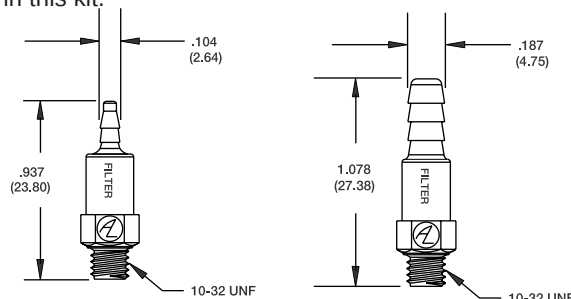
### DIMENSIONS

( ) = Metric Dimensions

## F-960-100 Threaded Filter Assortment Kit

The F-960-100 Inline Filter Assortment Kit offers 5, 25, 43 and 73 micron filter sizes. The filter is encased in a 10-32 UNF barbed fitting for 1/16" and 1/8" I.D. flexible tubing. There are two of each filter included in this kit.

| Model No.    | Micron Size | Barb Size |
|--------------|-------------|-----------|
| F-960-5-B80  | 5 um        | 1/16"     |
| F-960-25-B80 | 25 um       | 1/16"     |
| F-960-43-B80 | 43 um       | 1/16"     |
| F-960-73-B80 | 73 um       | 1/16"     |
| F-960-5-B85  | 5 um        | 1/8"      |
| F-960-25-B85 | 25 um       | 1/8"      |
| F-960-43-B85 | 43 um       | 1/8"      |
| F-960-73-B85 | 73 um       | 1/8"      |



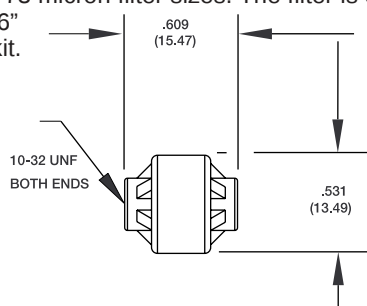
### DIMENSIONS

( ) = Metric Dimensions

## F-970-100 Female 10-32 Filter Assortment Kit

The F-970-100 female 10-32 Filter Assortment Kit offers 5, 25, 43 and 73 micron filter sizes. The filter is encased in a 10-32 UNF female filter housing. The 10-32 UNF barbed fittings are included for 1/16" and 1/8" I.D. flexible tubing. There are two of each filter included in this kit.

| Model No. | Micron Size |
|-----------|-------------|
| F-970-5   | 5 um        |
| F-970-25  | 25 um       |
| F-970-43  | 43 um       |
| F-970-73  | 73 um       |



### DIMENSIONS

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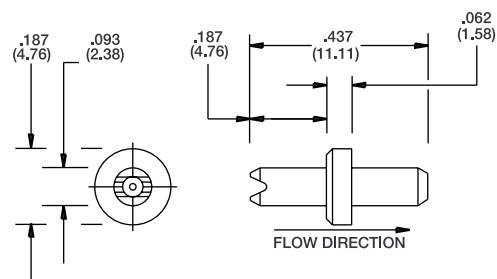
# Orifice Assortment Kits

Air Logic offers Orifice Restrictors in eleven color coded sizes. The orifices are precision molded of polysulfone material and are held to flow tolerances of  $\pm 4\%$ . Inline orifice restrictors are available with barbs for 1/16" and 1/8" I.D. flexible tubing. The orifice restrictors are also available in 10-32 x 1/16" and 10-32 x 1/8" barbed fittings.

## F-2815 Orifice Assortment Kit

The F-2815 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040" for use with 1/16" I.D. flexible tubing. There are five of each orifice included in this kit.

| Model No.  | Size  | Color      |
|------------|-------|------------|
| F-2815-041 | .004" | Purple     |
| F-2815-050 | .005" | Lime Green |
| F-2815-051 | .006" | Red        |
| F-2815-071 | .007" | Aqua       |
| F-2815-101 | .010" | Yellow     |
| F-2815-121 | .012" | Black      |
| F-2815-161 | .016" | Gray       |
| F-2815-201 | .020" | Blue       |
| F-2815-251 | .025" | Brown      |
| F-2815-301 | .030" | Beige      |
| F-2815-401 | .040" | Rust       |



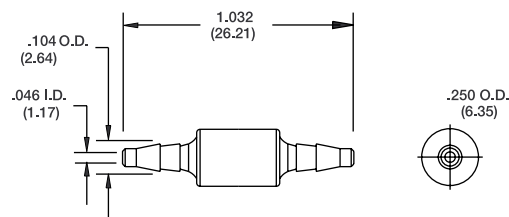
### DIMENSIONS

( ) = Metric Dimensions

## F-2815-B80 Orifice Assortment Kit

The F-2815-B80 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040" with barbs for 1/16" I.D. flexible tubing. There are two of each orifice included in this kit.

| Model No.      | Size  | Color      |
|----------------|-------|------------|
| F-2815-041-B80 | .004" | Purple     |
| F-2815-050-B80 | .005" | Lime Green |
| F-2815-051-B80 | .006" | Red        |
| F-2815-071-B80 | .007" | Aqua       |
| F-2815-101-B80 | .010" | Yellow     |
| F-2815-121-B80 | .012" | Black      |
| F-2815-161-B80 | .016" | Gray       |
| F-2815-201-B80 | .020" | Blue       |
| F-2815-251-B80 | .025" | Brown      |
| F-2815-301-B80 | .030" | Beige      |
| F-2815-401-B80 | .040" | Rust       |



### DIMENSIONS

( ) = Metric Dimensions

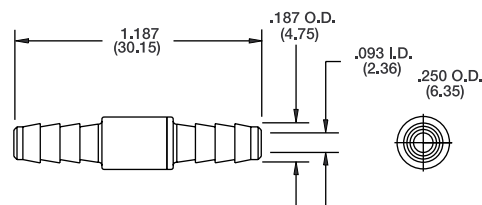


# Orifice Assortment Kits

## F-2815-B85 Orifice Assortment Kit

The F-2815-B85 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040" for use with 1/8" I.D. flexible tubing. There are two of each orifice included in this kit.

| Model No.           | Size       | Color      |
|---------------------|------------|------------|
| F-2815-041-B85..... | .004"..... | Purple     |
| F-2815-050-B85..... | .005"..... | Lime Green |
| F-2815-051-B85..... | .006"..... | Red        |
| F-2815-071-B85..... | .007"..... | Aqua       |
| F-2815-101-B85..... | .010"..... | Yellow     |
| F-2815-121-B85..... | .012"..... | Black      |
| F-2815-161-B85..... | .016"..... | Gray       |
| F-2815-201-B85..... | .020"..... | Blue       |
| F-2815-251-B85..... | .025"..... | Brown      |
| F-2815-301-B85..... | .030"..... | Beige      |
| F-2815-401-B85..... | .040"..... | Rust       |



### DIMENSIONS

( ) = Metric Dimensions

## F-2815-100 Orifice Assortment Kit

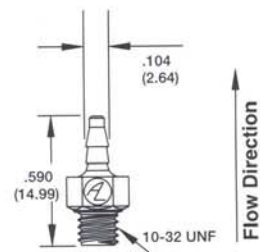
The F-2815-100 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040" with straight ports for 1/16" I.D. flexible tubing or with barbs for 1/16" and 1/8" I.D. flexible tubing. There are two of each orifice included in this kit.

| Model No.       | Model No.           | Model No.           | Size       | Color      |
|-----------------|---------------------|---------------------|------------|------------|
| F-2815-041..... | F-2815-041-B80..... | F-2815-041-B85..... | .004"..... | Purple     |
| F-2815-050..... | F-2815-050-B80..... | F-2815-050-B85..... | .005"..... | Lime Green |
| F-2815-051..... | F-2815-051-B80..... | F-2815-051-B85..... | .006"..... | Red        |
| F-2815-071..... | F-2815-071-B80..... | F-2815-071-B85..... | .007"..... | Aqua       |
| F-2815-101..... | F-2815-101-B80..... | F-2815-101-B85..... | .010"..... | Yellow     |
| F-2815-121..... | F-2815-121-B80..... | F-2815-121-B85..... | .012"..... | Black      |
| F-2815-161..... | F-2815-161-B80..... | F-2815-161-B85..... | .016"..... | Gray       |
| F-2815-201..... | F-2815-201-B80..... | F-2815-201-B85..... | .020"..... | Blue       |
| F-2815-251..... | F-2815-251-B80..... | F-2815-251-B85..... | .025"..... | Brown      |
| F-2815-301..... | F-2815-301-B80..... | F-2815-301-B85..... | .030"..... | Beige      |
| F-2815-401..... | F-2815-401-B80..... | F-2815-401-B85..... | .040"..... | Rust       |

## F-3120-B80 Orifice Assortment Kit

The F-3120-B80 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040" The orifices are inserted into a black 10-32 x 1/16" barbed fitting, which is molded of polysulfone material. There are two of each orifice included in this kit.

| Model No.           | Size  |
|---------------------|-------|
| F-3120-041-B80..... | .004" |
| F-3120-050-B80..... | .005" |
| F-3120-051-B80..... | .006" |
| F-3120-071-B80..... | .007" |
| F-3120-101-B80..... | .010" |
| F-3120-121-B80..... | .012" |
| F-3120-161-B80..... | .016" |
| F-3120-201-B80..... | .020" |
| F-3120-251-B80..... | .025" |
| F-3120-301-B80..... | .030" |
| F-3120-401-B80..... | .040" |



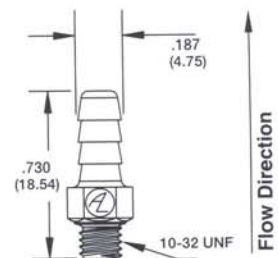
### DIMENSIONS

( ) = Metric Dimensions

## F-3120-B85 Orifice Assortment Kit

The F-3120-B85 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040" The orifices are inserted into a black 10-32 x 1/8" barbed fitting, which is molded of polysulfone material. There are two of each orifice included in this kit.

| Model No.           | Size  |
|---------------------|-------|
| F-3120-041-B85..... | .004" |
| F-3120-050-B85..... | .005" |
| F-3120-051-B85..... | .006" |
| F-3120-071-B85..... | .007" |
| F-3120-101-B85..... | .010" |
| F-3120-121-B85..... | .012" |
| F-3120-161-B85..... | .016" |
| F-3120-201-B85..... | .020" |
| F-3120-251-B85..... | .025" |
| F-3120-301-B85..... | .030" |
| F-3120-401-B85..... | .040" |



### DIMENSIONS

( ) = Metric Dimensions

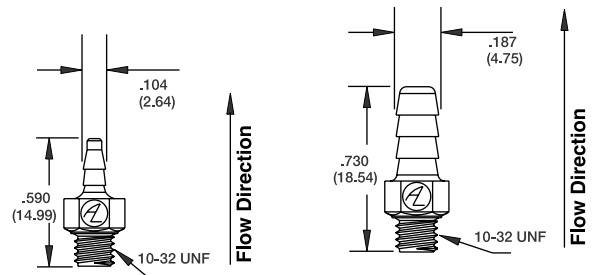
# Orifice Assortment Kits



## F-3120-100 Orifice Assortment Kit

The F-3120-100 Orifice Assortment Kit offers eleven color coded orifice sizes from .004" to .040". The orifice is inserted into a black 10-32 x 1/16" and a black 10-32 x 1/8" barbed fitting. There are two of each orifice included in this kit.

| Model No.            | Model No.            | Size  |
|----------------------|----------------------|-------|
| F-3120-041-B80 ..... | F-3120-041-B85 ..... | .004" |
| F-3120-050-B80 ..... | F-3120-050-B85 ..... | .005" |
| F-3120-051-B80 ..... | F-3120-051-B85 ..... | .006" |
| F-3120-071-B80 ..... | F-3120-071-B85 ..... | .007" |
| F-3120-101-B80 ..... | F-3120-101-B85 ..... | .010" |
| F-3120-121-B80 ..... | F-3120-121-B85 ..... | .012" |
| F-3120-161-B80 ..... | F-3120-161-B85 ..... | .016" |
| F-3120-201-B80 ..... | F-3120-201-B85 ..... | .020" |
| F-3120-251-B80 ..... | F-3120-251-B85 ..... | .025" |
| F-3120-301-B80 ..... | F-3120-301-B85 ..... | .030" |
| F-3120-401-B80 ..... | F-3120-401-B85 ..... | .040" |



### DIMENSIONS

( ) = Metric Dimensions

## F-2815-200 Orifice Assortment Kit

The F-2815-200 Orifice Assortment Kit offers eleven color-coded orifice sizes from .004" to .040" with straight ports for 1/16" I.D. flexible tubing and with barbs for 1/16" and 1/8" I.D. flexible tubing. The kit also includes 10-32 UNF barbed orifices; the orifice is inserted into a black 10-32 x 1/16" and a black 10-32 x 1/8" barbed fitting. There are two of each orifice included in this kit.

| Model No.        | Model No.            | Model No.            | Model No.            | Model No.            | Size  |
|------------------|----------------------|----------------------|----------------------|----------------------|-------|
| F-2815-041 ..... | F-2815-041-B80 ..... | F-2815-041-B85 ..... | F-3120-041-B80 ..... | F-3120-041-B85 ..... | .004" |
| F-2815-050 ..... | F-2815-050-B80 ..... | F-2815-050-B85 ..... | F-3120-050-B80 ..... | F-3120-050-B85 ..... | .005" |
| F-2815-051 ..... | F-2815-051-B80 ..... | F-2815-051-B85 ..... | F-3120-051-B80 ..... | F-3120-051-B85 ..... | .006" |
| F-2815-071 ..... | F-2815-071-B80 ..... | F-2815-071-B85 ..... | F-3120-071-B80 ..... | F-3120-071-B85 ..... | .007" |
| F-2815-101 ..... | F-2815-101-B80 ..... | F-2815-101-B85 ..... | F-3120-101-B80 ..... | F-3120-101-B85 ..... | .010" |
| F-2815-121 ..... | F-2815-121-B80 ..... | F-2815-121-B85 ..... | F-3120-121-B80 ..... | F-3120-121-B85 ..... | .012" |
| F-2815-161 ..... | F-2815-161-B80 ..... | F-2815-161-B85 ..... | F-3120-161-B80 ..... | F-3120-161-B85 ..... | .016" |
| F-2815-201 ..... | F-2815-201-B80 ..... | F-2815-201-B85 ..... | F-3120-201-B80 ..... | F-3120-201-B85 ..... | .020" |
| F-2815-251 ..... | F-2815-251-B80 ..... | F-2815-251-B85 ..... | F-3120-251-B80 ..... | F-3120-251-B85 ..... | .025" |
| F-2815-301 ..... | F-2815-301-B80 ..... | F-2815-301-B85 ..... | F-3120-301-B80 ..... | F-3120-301-B85 ..... | .030" |
| F-2815-401 ..... | F-2815-401-B80 ..... | F-2815-401-B85 ..... | F-3120-401-B80 ..... | F-3120-401-B85 ..... | .040" |



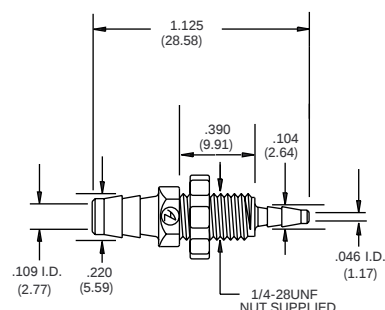
# Standard Bulkhead Connector Kit

Air Logic offers two models of Standard Bulkhead Connectors, the reducing and the straight bulkhead connector. The connectors join 1/16", 1/8" or .170 I.D. flexible tubing. The bulkhead connectors are panel mounted by tightening a 1/4-28 UNF threaded nut onto the external threads of the bulkhead.

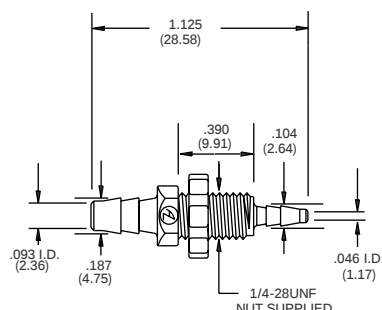
## F-3100 Standard Bulkhead Connector Kit

The F-3100 Standard Bulkhead Assortment kit offer three sizes of reducing and straight bulkhead connectors. There are two of each connector included in this kit.

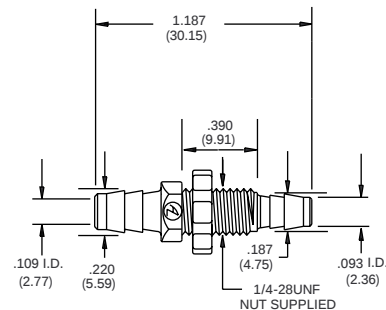
| Part No.  | Description                           |
|-----------|---------------------------------------|
| F-3100-68 | Reducer for .170 to 1/16" I.D. Tubing |
| F-3100-70 | Reducer for 1/8" to 1/16" I.D. Tubing |
| F-3100-71 | Reducer for .170 to 1/8" I.D. Tubing  |
| F-3100-80 | Barb for 1/16" I.D. Tubing            |
| F-3100-85 | Barb for 1/8" I.D. Tubing             |
| F-3100-86 | Barb for .170 I.D. Tubing             |



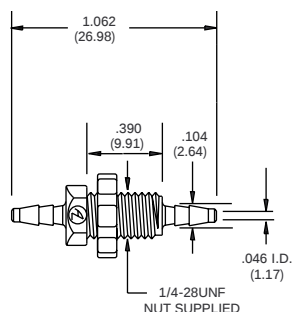
**F-3100-68**  
Reducing Bulkhead  
Connector



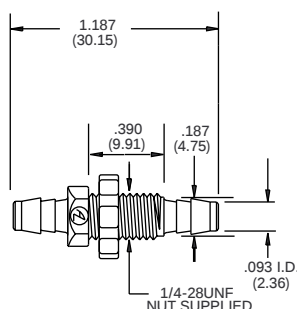
**F-3100-70**  
Reducing Bulkhead  
Connector



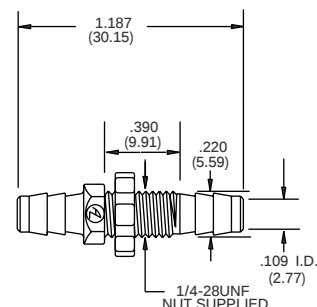
**F-3100-71**  
Reducing Bulkhead  
Connector



**F-3100-80**  
Straight Bulkhead  
Connector



**F-3100-85**  
Straight Bulkhead  
Connector



**F-3100-86**  
Straight Bulkhead  
Connector



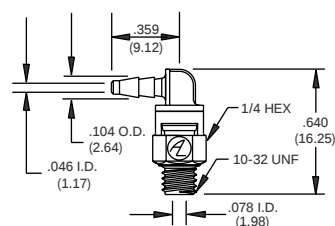
# Swivel Fitting Assortment Kits

Air Logic offers three models of Swivel Fittings (Pat. #4,946,204), the straight swivel, the swivel elbow and the swivel tee. All models of swivels are available with barbs for 1/16", 3/32", and 1/8" I.D. flexible tubing. The swivels are offered with 10-32 UNF threads, 1/8-27 NPT and 1/4-18 NPT. The unique design of the fitting allows it to swivel 360°. The swivels are precision molded of nylon material and have a Buna-N o-ring for sealing purposes.

## F-3150 Swivel Fitting Assortment Kit

The F-3150 Swivel Fitting Assortment Kit offers three models of swivel fittings with 10-32 UNF threads. The swivels have barbs for 1/16", 3/32", and 1/8" I.D. flexible tubing. There are two of each swivel fitting included in this kit.

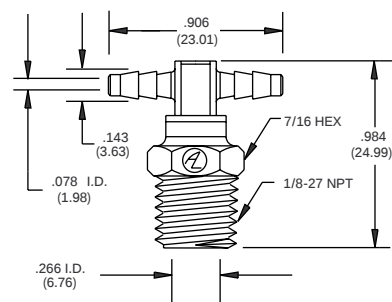
| Model No.      | Configuration  | Barb  |
|----------------|----------------|-------|
| F-3150-80..... | Straight ..... | 1/16" |
| F-3150-83..... | Straight ..... | 3/32" |
| F-3150-85..... | Straight ..... | 1/8"  |
| F-3154-80..... | Elbow .....    | 1/16" |
| F-3154-83..... | Elbow .....    | 3/32" |
| F-3154-85..... | Elbow .....    | 1/8"  |
| F-3155-80..... | Tee .....      | 1/16" |
| F-3155-83..... | Tee .....      | 3/32" |
| F-3155-85..... | Tee .....      | 1/8"  |



## F-3250 Swivel Fitting Assortment Kit

The F-3250 Swivel Fitting Assortment Kit offers three models of swivel fitting with 1/8-27 NPT threads. The swivels have barbs for 1/16", 3/32", and 1/8" I.D. flexible tubing. There are two of each swivel fittings included in this kit.

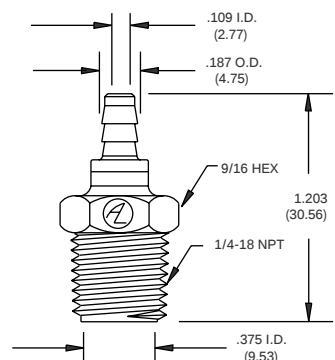
| Model No.      | Configuration  | Barb  |
|----------------|----------------|-------|
| F-3250-80..... | Straight ..... | 1/16" |
| F-3250-83..... | Straight ..... | 3/32" |
| F-3250-85..... | Straight ..... | 1/8"  |
| F-3254-80..... | Elbow .....    | 1/16" |
| F-3254-83..... | Elbow .....    | 3/32" |
| F-3254-85..... | Elbow .....    | 1/8"  |
| F-3255-80..... | Tee .....      | 1/16" |
| F-3255-83..... | Tee .....      | 3/32" |
| F-3255-85..... | Tee .....      | 1/8"  |



## F-3350 Swivel Fitting Assortment Kit

The F-3350 Swivel Fitting Assortment Kit offers three models of swivel fittings with 1/4-18 NPT threads. The swivels have barbs for 1/16", 3/32", and 1/8" I.D. flexible tubing. There are two of each swivel fittings included in this kit.

| Model No.      | Configuration  | Barb  |
|----------------|----------------|-------|
| F-3350-80..... | Straight ..... | 1/16" |
| F-3350-83..... | Straight ..... | 3/32" |
| F-3350-85..... | Straight ..... | 1/8"  |
| F-3354-80..... | Elbow .....    | 1/16" |
| F-3354-83..... | Elbow .....    | 3/32" |
| F-3354-85..... | Elbow .....    | 1/8"  |
| F-3355-80..... | Tee .....      | 1/16" |
| F-3355-83..... | Tee .....      | 3/32" |
| F-3355-85..... | Tee .....      | 1/8"  |





# Plastic Fitting Assortment Kit

Air Logic offers a complete line of Plastic Fittings which include bulkhead connectors, miniature unions, reducing connectors, 10-32 UNF barbed fittings, tees, elbows, crosses, 10-32 UNF plugs, 10-32 UNF nipples, straight swivels, swivel elbows, and swivel tees (Patent #4,946,204).

## F-3140 Plastic Fitting Assortment Kit

The F-3140 Plastic Fitting Assortment Kit offers a variety of plastic fittings. There are 5 of each fitting included in this kit

| Model No. | Description                          | Material    |
|-----------|--------------------------------------|-------------|
| F-3120-20 | 10-32 UNF Hex Head Plug              | Nylon       |
| F-3120-25 | 10-32 UNF Nipple                     | Nylon       |
| F-3120-41 | 1/16" Union                          | Polysulfone |
| F-3120-42 | 1/16" Barbed Union                   | Polysulfone |
| F-3120-43 | 1/8" Barbed Union                    | Polysulfone |
| F-3120-68 | 1/16" Straight x 1/8" Barbed Reducer | Polysulfone |
| F-3120-70 | 1/16" x 1/8" Barbed Reducer          | Polysulfone |
| F-3145-65 | 1/16" Tee                            | Celcon      |
| F-3120-80 | 10-32 x 1/16" Barbed Fitting         | Nylon       |
| F-3120-85 | 10-32 x 1/8" Barbed Fitting          | Nylon       |
| F-3120-86 | 10-32 x 1/70" Barbed Fitting         | Nylon       |

## F-3140-100 Plastic Fitting Assortment Kit

The F-3140-100 Plastic Fitting Assortment Kit offers a variety of plastic fittings. There are 2 of each fitting included in this kit

| Model No.   | Description                          | Material |
|-------------|--------------------------------------|----------|
| F-3120-20   | 10-32 UNF Hex Head Plug              | Nylon    |
| F-3120-20-W | 10-32 UNF Hex Head Plug (White)      | Nylon    |
| F-3120-20-R | 10-32 UNF Hex Head Plug (Red)        | Nylon    |
| F-3120-20-B | 10-32 UNF Hex Head Plug (Blue)       | Nylon    |
| F-3120-25   | 10-32 UNF Nipple                     | Nylon    |
| F-3120-25-W | 10-32 UNF Nipple (White)             | Nylon    |
| F-3120-25-R | 10-32 UNF Nipple (Red)               | Nylon    |
| F-3120-25-B | 10-32 UNF Nipple (Blue)              | Nylon    |
| F-3120-80   | 10-32 x 1/16" Barbed Fitting         | Nylon    |
| F-3120-80-W | 10-32 x 1/16" Barbed Fitting (White) | Nylon    |
| F-3120-80-R | 10-32 x 1/16" Barbed Fitting (Red)   | Nylon    |
| F-3120-80-B | 10-32 x 1/16" Barbed Fitting (Blue)  | Nylon    |
| F-3120-85   | 10-32 x 1/8" Barbed Fitting          | Nylon    |
| F-3120-85-W | 10-32 x 1/8" Barbed Fitting (White)  | Nylon    |
| F-3120-85-R | 10-32 x 1/8" Barbed Fitting (Red)    | Nylon    |
| F-3120-85-B | 10-32 x 1/8" Barbed Fitting (Blue)   | Nylon    |
| F-3140-80   | 1/16" Barbed Union                   | Nylon    |
| F-3140-80-W | 1/16" Barbed Union (White)           | Nylon    |
| F-3140-85   | 1/8" Barbed Union                    | Nylon    |
| F-3140-85-W | 1/8" Barbed Union (White)            | Nylon    |
| F-3144-80   | 1/16" Barbed Elbow                   | Nylon    |
| F-3144-80-W | 1/16" Barbed Elbow (White)           | Nylon    |
| F-3144-85   | 1/8" Barbed Elbow                    | Nylon    |
| F-3144-85-W | 1/8" Barbed Elbow (White)            | Nylon    |
| F-3145-65   | 1/16" Tee                            | Celcon   |
| F-3145-80   | 1/16" Barbed Tee                     | Nylon    |
| F-3145-80-W | 1/16" Barbed Tee (White)             | Nylon    |
| F-3145-85   | 1/8" Barbed Tee                      | Nylon    |
| F-3145-85-W | 1/8" Barbed Tee (White)              | Nylon    |

# Plastic Fitting Master Kit



The F-3140-200 Master Kit contains samples of the complete line of fittings. There are two of each of the following fittings in this kit.

## F-3140-200 Plastic Fitting Assortment Kit

| Model No.   | Description                          | Material |
|-------------|--------------------------------------|----------|
| F-3120-80   | 10-32 x 1/16" Barbed Fitting         | Nylon    |
| F-3120-80-W | 10-32 x 1/16" Barbed Fitting (White) | Nylon    |
| F-3120-80-R | 10-32 x 1/16" Barbed Fitting (Red)   | Nylon    |
| F-3120-80-B | 10-32 x 1/16" Barbed Fitting (Blue)  | Nylon    |
| F-3120-85   | 10-32 x 1/8" Barbed Fitting          | Nylon    |
| F-3120-85-W | 10-32 x 1/8" Barbed Fitting (White)  | Nylon    |
| F-3120-85-R | 10-32 x 1/8" Barbed Fitting (Red)    | Nylon    |
| F-3120-85-B | 10-32 x 1/8" Barbed Fitting (Blue)   | Nylon    |
| F-3120-86   | 10-32 x .170" Barbed Fitting         | Nylon    |
| F-3120-86-W | 10-32 x .170" Barbed Fitting (White) | Nylon    |
| F-3120-86-R | 10-32 x .170" Barbed Fitting (Red)   | Nylon    |
| F-3120-86-B | 10-32 x .170" Barbed Fitting (Blue)  | Nylon    |
| F-3140-80   | 1/16" Barbed Union                   | Nylon    |
| F-3140-80-W | 1/16" Barbed Union (White)           | Nylon    |
| F-3140-85   | 1/8" Barbed Union                    | Nylon    |
| F-3140-85-W | 1/8" Barbed Union (White)            | Nylon    |
| F-3144-80   | 1/16" barbed Elbow                   | Nylon    |
| F-3144-80-W | 1/16" Barbed Elbow (White)           | Nylon    |
| F-3144-85   | 1/8" Barbed Elbow                    | Nylon    |
| F-3144-85-W | 1/8" Barbed Elbow (White)            | Nylon    |
| F-3145-80   | 1/16" Barbed Tee                     | Nylon    |
| F-3145-80-W | 1/16" Barbed Tee (White)             | Nylon    |
| F-3145-85   | 1/8" Barbed Tee                      | Nylon    |
| F-3145-85-W | 1/8" Barbed Tee (White)              | Nylon    |
| F-3146-80   | 1/16" Barbed Cross                   | Nylon    |
| F-3146-80-W | 1/16" Barbed Cross (White)           | Nylon    |
| F-3146-85   | 1/8" Barbed Cross                    | Nylon    |
| F-3146-85-W | 1/8" Barbed Cross (White)            | Nylon    |
| F-3154-80   | 10-32 x 1/16" Swivel Elbow           | Nylon    |
| F-3154-83   | 10-32 x 3/32" Swivel Elbow           | Nylon    |
| F-3154-85   | 10-32 x 1/8" Swivel Elbow            | Nylon    |
| F-3155-80   | 10-32 x 1/16" Swivel Tee             | Nylon    |
| F-3155-83   | 10-32 x 3/32" Swivel Tee             | Nylon    |
| F-3155-85   | 10-32 x 1/8" Swivel Tee              | Nylon    |
| F-3254-80   | 1/8"-27 NPT x 1/16" Swivel Elbow     | Nylon    |
| F-3254-83   | 1/8"-27 NPT x 3/32" Swivel Elbow     | Nylon    |
| F-3254-85   | 1/8"-27 NPT x 1/8" Swivel Elbow      | Nylon    |
| F-3255-80   | 1/8"-27 NPT x 1/16" Swivel Tee       | Nylon    |
| F-3255-83   | 1/8"-27 NPT x 3/32" Swivel Tee       | Nylon    |
| F-3255-85   | 1/8"-27 NPT x 1/8" Swivel Tee        | Nylon    |

There is one of each of the following fittings in this sample kit.

| Model No. | Description                         | Material |
|-----------|-------------------------------------|----------|
| F-3100-68 | .170" x 1/16" Bulkhead Connector    | Nylon    |
| F-3100-70 | 1/8" x 1/16" Bulkhead Connector     | Nylon    |
| F-3100-71 | .170" x 1/8" Bulkhead Connector     | Nylon    |
| F-3100-80 | 1/16" x 1/16" Bulkhead Connector    | Nylon    |
| F-3100-85 | 1/8" x 1/8" Bulkhead Connector      | Nylon    |
| F-3100-86 | .170" x .170" Bulkhead Connector    | Nylon    |
| F-3150-80 | 10-32 x 1/16" Straight Swivel       | Nylon    |
| F-3150-83 | 10-32 x 3/32" Straight Swivel       | Nylon    |
| F-3150-85 | 10-32 x 1/8" Straight Swivel        | Nylon    |
| F-3250-80 | 1/8"-27 NPT x 1/16" Straight Swivel | Nylon    |
| F-3250-83 | 1/8"-27 NPT x 3/32" Straight Swivel | Nylon    |
| F-3250-85 | 1/8"-27 NPT x 1/8" Straight Swivel  | Nylon    |
| F-3350-80 | 1/4"-18 NPT x 1/16" Straight Swivel | Nylon    |
| F-3350-83 | 1/4"-18 NPT x 3/32" Straight Swivel | Nylon    |
| F-3350-85 | 1/4"-18 NPT x 1/8" Straight Swivel  | Nylon    |
| F-3354-80 | 1/4"-18 NPT x 1/16" Swivel Elbow    | Nylon    |
| F-3354-83 | 1/4"-18 NPT x 3/32" Swivel Elbow    | Nylon    |
| F-3354-85 | 1/4"-18 NPT x 1/8" Swivel Elbow     | Nylon    |
| F-3355-80 | 1/4"-18 NPT x 1/16" Swivel Tee      | Nylon    |
| F-3355-83 | 1/4"-18 NPT x 3/32" Swivel Tee      | Nylon    |
| F-3355-85 | 1/4"-18 NPT x 1/8" Swivel Tee       | Nylon    |