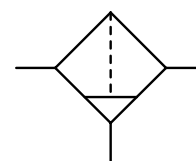


|                           |                                                                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Filter with bowl without sight glass completely made of stainless steel, extremely robust, suitable for compressed air, gases or liquids. Application examples are the chemistry, petroleum processing as well as food industry and medical technology. |
| <b>Filter element</b>     | 50 µm, optionally 5 µm, made of stainless steel, coalescing filter 0.1 µm at 99,99%                                                                                                                                                                     |
| <b>Bowl</b>               | stainless steel version without sight glass                                                                                                                                                                                                             |
| <b>Drainage</b>           | screw plug as standard, optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)                                                                                                                                   |
| <b>Operating pressure</b> | max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)                                                                                                                                                     |
| <b>Temperature range</b>  | 0 °C to 80 °C / 32 °F to 176 °F for FKM or EPDM<br>0 °C to 130 °C / 32 °F to 266 °F for high temperature version, for appropriately conditioned compressed air down to -20 °C / -4 °F, or low temperature version down to -40 °C / -40 °F               |
| <b>Material</b>           | Body: stainless steel 316L, material no. 1.4404<br>Bowl: stainless steel 316L, material no. 1.4404<br>Elastomer: FKM, optionally EPDM<br>Inner valve: stainless steel 316L, material no. 1.4404                                                         |



SST

G<sup>1</sup>/<sub>8</sub> up to G2, max. 80 bar  
-40 °C to 130 °C, FDA

| Dimensions |    |    | Bowl capacity | Flow rate           | P <sub>1</sub> max. | Filter element | Connection thread | Order number |
|------------|----|----|---------------|---------------------|---------------------|----------------|-------------------|--------------|
| A          | B  | C  |               |                     |                     |                |                   |              |
| mm         | mm | mm | l             | m <sup>3</sup> /h*1 | l/min*1             | µm             | G                 |              |

## Stainless steel filter, up to 50 bar with screw plug F3000

|     |     |     |      |      |       |    |      |                                |                                    |
|-----|-----|-----|------|------|-------|----|------|--------------------------------|------------------------------------|
| 40  | 92  | 81  | 0,03 | 45   | 750   | 50 | 50   | G <sup>1</sup> / <sub>8</sub>  | F3000-01<br>F3000-01G              |
| 40  | 92  | 81  | 0,03 | 45   | 750   | 50 | 50   | G <sup>1</sup> / <sub>4</sub>  | F3000-A2<br>F3000-A2G              |
| 64  | 140 | 125 | 0,14 | 54   | 900   | 50 | 50   | G <sup>1</sup> / <sub>4</sub>  | F3000-02<br>F3000-02G<br>F3000-02I |
| 64  | 140 | 133 |      |      |       |    | 0,01 |                                |                                    |
| 109 | 140 | 123 | 0,2  | 150  | 2500  | 50 | 50   | G <sup>3</sup> / <sub>8</sub>  | F3000-03<br>F3000-03G<br>F3000-03I |
| 64  | 140 | 125 | 0,14 | 54   | 900   | 50 | 0,01 |                                |                                    |
| 109 | 140 | 123 | 0,2  | 150  | 2500  | 50 | 50   | G <sup>1</sup> / <sub>2</sub>  | F3000-04<br>F3000-04G<br>F3000-04I |
| 79  | 158 | 138 | 0,2  | 150  | 2500  | 50 | 0,01 |                                |                                    |
| 137 | 194 | 167 | 0,50 | 432  | 7200  | 50 | 50   | G <sup>3</sup> / <sub>4</sub>  | F3000-06<br>F3000-06G<br>F3000-06I |
|     |     |     |      |      |       |    | 0,01 |                                |                                    |
| 137 | 194 | 167 | 0,50 | 432  | 7200  | 50 | 50   | G1                             | F3000-08<br>F3000-08G<br>F3000-08I |
|     |     |     |      |      |       |    | 0,01 |                                |                                    |
| 241 | 194 | 167 | 0,50 | 432  | 7200  | 50 | 50   | G1 <sup>1</sup> / <sub>4</sub> | F3000-10<br>F3000-10G<br>F3000-10I |
|     |     |     |      |      |       |    | 0,01 |                                |                                    |
| 241 | 194 | 167 | 0,50 | 432  | 7200  | 50 | 50   | G1 <sup>1</sup> / <sub>2</sub> | F3000-1A<br>F3000-1AG<br>F3000-1AI |
|     |     |     |      |      |       |    | 0,01 |                                |                                    |
| 174 | 248 | 218 | 1,00 | 1380 | 23000 | 50 | 50   | G1 <sup>1</sup> / <sub>2</sub> | F3000-12<br>F3000-12G              |
|     |     |     |      | 1050 | 17500 |    | 5    |                                |                                    |
| 174 | 248 | 218 | 1,00 | 1380 | 23000 | 50 | 50   | G2                             | F3000-16<br>F3000-16G              |
|     |     |     |      | 1050 | 17500 |    | 5    |                                |                                    |

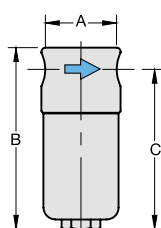
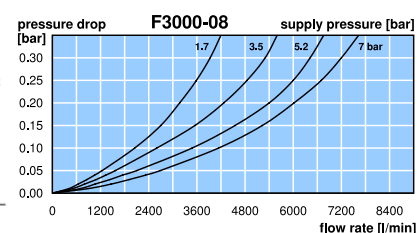
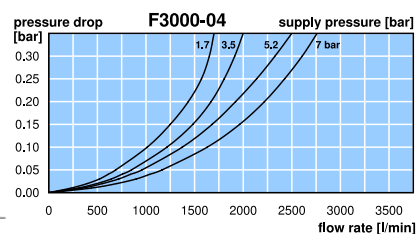
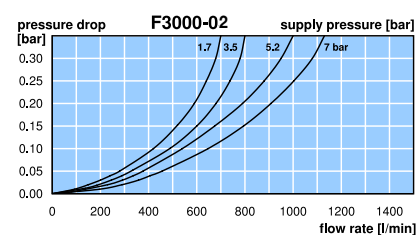


F3000-02

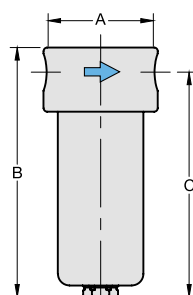


F3000-03/-04

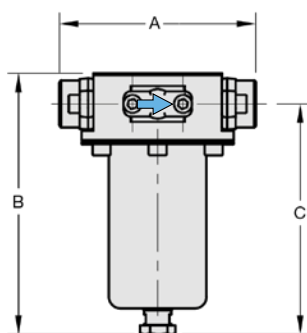
SST  
SST  
15



F3000-01/-A2



F3000-02



F3000-03/-04

\*1 at 7 bar operating pressure and 0.33 bar pressure drop

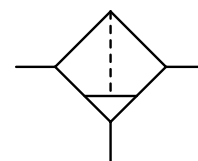
Extensions: see chapter for FRL service units

PDF CAD  
www.aircom.net



Order example:  
F3000-01

|                           |                                                                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Filter with bowl without sight glass completely made of stainless steel, extremely robust, suitable for compressed air, gases or liquids. Application examples are the chemistry, petroleum processing as well as food industry and medical technology. |
| <b>Filter element</b>     | 50 µm, optionally 5 µm, made of stainless steel, coalescing filter 0.1 µm at 99,99%                                                                                                                                                                     |
| <b>Bowl</b>               | stainless steel version without sight glass                                                                                                                                                                                                             |
| <b>Drainage</b>           | screw plug as standard, optionally for compressed air only: manual drain (max. 30 bar), automatic drain (max. 16 bar)                                                                                                                                   |
| <b>Operating pressure</b> | max. 50 bar (without drain), optionally manual drain (max. 30 bar) or automatic drain (max. 16 bar)                                                                                                                                                     |
| <b>Temperature range</b>  | 0 °C to 80 °C / 32 °F to 176 °F for FKM or EPDM<br>0 °C to 130 °C / 32 °F to 266 °F for high temperature version, for appropriately conditioned compressed air down to -20 °C / -4 °F, or low temperature version down to -40 °C / -40 °F               |
| <b>Material</b>           | Body: stainless steel 316L, material no. 1.4404<br>Bowl: stainless steel 316L, material no. 1.4404<br>Elastomer: FKM, optionally EPDM<br>Inner valve: stainless steel 316L, material no. 1.4404                                                         |

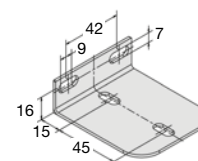


**G<sup>1</sup>/<sub>8</sub> up to G2, max. 80 bar**  
**-40 °C to 130 °C, FDA**

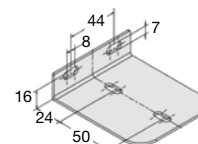
| Dimensions |    |    | Bowl capacity | Flow rate           | P <sub>1</sub> max. | Filter element | Connection thread | Order number |
|------------|----|----|---------------|---------------------|---------------------|----------------|-------------------|--------------|
| A          | B  | C  | l             | m <sup>3</sup> /h*1 | l/min*1             | µm             | G                 |              |
| mm         | mm | mm |               |                     |                     |                |                   |              |

## Special options, add the appropriate letter

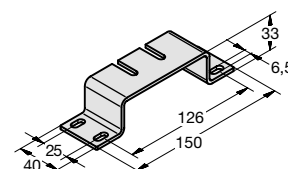
|                                   |                                              |                                              |
|-----------------------------------|----------------------------------------------|----------------------------------------------|
| <b>NPT</b>                        | connection thread                            | F3000-...N                                   |
| <b>P<sub>1</sub>: max. 80 bar</b> | for G <sup>1</sup> / <sub>4</sub> (02) to G2 | F3000-...X48                                 |
| <b>down to -40 °C / -40 °F</b>    | low temperature version                      | F3000-...X51                                 |
| <b>up to 130 °C / 266 °F</b>      | high temperature version                     | F3000-...X54                                 |
| <b>manual drain</b>               | max. 30 bar                                  | F3000-...H                                   |
| <b>automatic drain</b>            | max. 16 bar                                  | for G <sup>1</sup> / <sub>4</sub> (02) to G2 |
| <b>EPDM-elastomer</b>             |                                              | F3000-...E                                   |
| <b>EPDM-elastomer</b>             | FDA-approval                                 | F3000-...TD                                  |
| <b>ammonia</b>                    | NH <sub>3</sub>                              | P <sub>1</sub> max. 15 bar                   |
| <b>carbon dioxide</b>             | CO <sub>2</sub>                              | F3000-...02                                  |
| <b>argon</b>                      | Ar                                           | F3000-...03                                  |
| <b>nitrogen</b>                   | N <sub>2</sub>                               | F3000-...05                                  |
| <b>helium</b>                     | He                                           | F3000-...07                                  |
| <b>hydrogen</b>                   | H <sub>2</sub>                               | F3000-...09                                  |
| <b>methane</b>                    | CH <sub>4</sub>                              | F3000-...11                                  |
| <b>natural gas *2</b>             |                                              | F3000-...13                                  |
| <b>oxygen</b>                     | O <sub>2</sub>                               | F3000-...14                                  |
| <b>propane</b>                    | C <sub>3</sub> H <sub>8</sub>                | F3000-...15                                  |
| <b>nitrous oxide</b>              | N <sub>2</sub> O                             | F3000-...16                                  |
| <b>flange connection</b>          | according to EN-1092-1 or ASME B16.5         | on request                                   |
|                                   |                                              | F3000-...17                                  |
|                                   |                                              | F3000-...F.                                  |



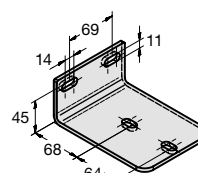
**BW00-17S**



**BW00-18S**



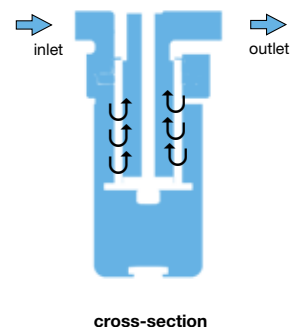
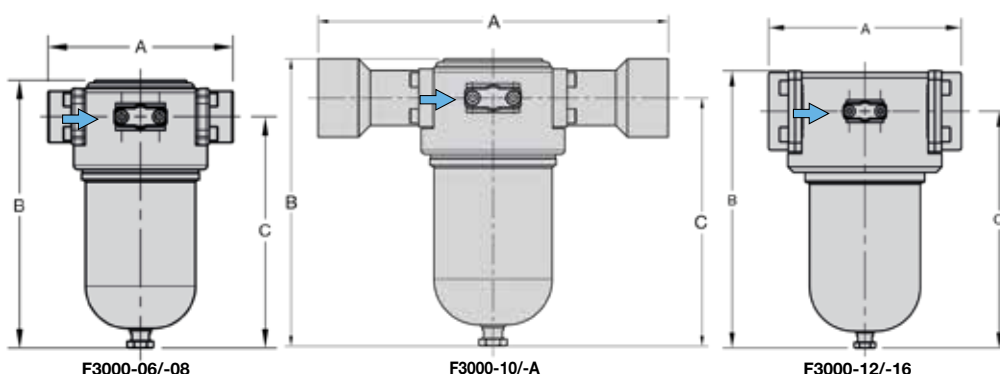
**BW00-59S**



**BW00-63S**

## Accessories, enclosed

|                         |                                                                         |                 |
|-------------------------|-------------------------------------------------------------------------|-----------------|
| <b>mounting bracket</b> | for G <sup>1</sup> / <sub>4</sub> (02)                                  | <b>BW00-17S</b> |
|                         | for G <sup>1</sup> / <sub>2</sub> (only 04I)                            | <b>BW00-18S</b> |
|                         | for G <sup>3</sup> / <sub>8</sub> to G <sup>1</sup> / <sub>2</sub> (1A) | <b>BW00-59S</b> |
|                         | for G <sup>1</sup> / <sub>2</sub> (12) and G2                           | <b>BW00-63S</b> |



\*1 at 7 bar operating pressure and 0.33 bar pressure drop

\*2 without DVWG-approval

**Extensions:** see chapter for FRL service units

**PDF CAD**  
www.aircom.net

**Order example:**  
**BW00-17S**