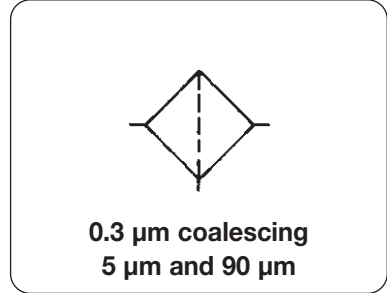
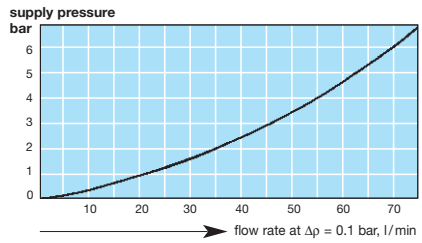
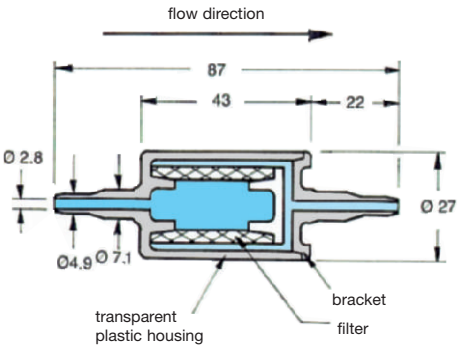


| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | Micro in-line filter Micro in-line filters are widely used in medicine and process technology for cleaning compressed air for use in instruments and pneumatic logic systems. The micro in-line filter removes particles, oil and mist from compressed air. Also suitable for vacuum. |
| Filter element | The borsilicate micro-filter is manufactured in a special vacuum process which reduces the adhesive properties of the borsilicate fibres down to a minimum in order to achieve outstanding filtering capability. When saturated with oil, the filter turns red to indicate that replacement is required. |
| Filter housing | Of robust, transparent polyurethane. Fitted with connections able to take up hoses of 4.3 mm (1/4") or 6.3 mm (1/2") inner diameter. Flow direction from INside to OUTside to be noted. |
| Technical data | Maximum pressure: 9 bar Filtration efficiency: 99.999 % based on 3 µm particle size |
| Application | Bronze in-line filter for compressed air with coarse impurities |
| Technical data | 90 µm filter; 5 µm and manual drain as option |



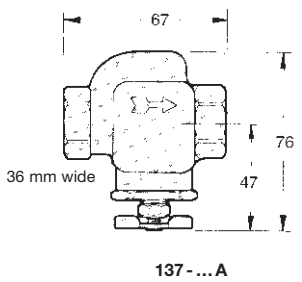
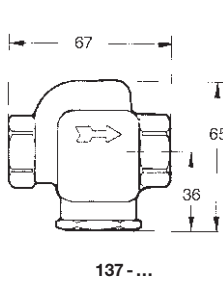
| Description | Filter-pore width µm | Flow rate l/min* | Connection thread | Order number |
|-------------|-------------------------|---------------------|-------------------|--------------|
|-------------|-------------------------|---------------------|-------------------|--------------|

| | | | | |
|-------------------------------------------------|------------|-------------------------------|-------------|-------------|
| Micro in-line filter 99.999% with 0.3 µm | max. 9 bar | changes colour when saturated | F400 | |
| borsilicate micro filter | 0.3 µm | 70 | Ø 4 and Ø 6 | F400 |



In-line bronze filter 137

| | | | | |
|-----------------------------|-------|-----|-------------------------------|-----------------|
| without manual drain | 90 µm | 650 | G ¹ / ₄ | 137-02 |
| | | 700 | G ³ / ₈ | 137-03 |
| | | 740 | G ¹ / ₂ | 137-04 |
| | 5 µm | 320 | G ¹ / ₄ | 137-02V |
| | | 350 | G ³ / ₈ | 137-03V |
| | | 370 | G ¹ / ₂ | 137-04V |
| with manual drain | 90 µm | 650 | G ¹ / ₄ | 137-02A |
| | | 700 | G ³ / ₈ | 137-03A |
| | | 740 | G ¹ / ₂ | 137-04A |
| | 5 µm | 320 | G ¹ / ₄ | 137-02AV |
| | | 350 | G ³ / ₈ | 137-03AV |
| | | 370 | G ¹ / ₂ | 137-04AV |



*1 at 7 bar supply pressure with 0.1 bar pressure drop

| | | | |
|------------------------------|------------------|---------------------|------------------|
| For your information: | 1 bar: 14.5 psi | 1 l/min: 0.035 scfm | 1 mm: 0.039 inch |
| | 1 psi: 0.069 bar | 1 scfm: 28.3 l/min | 1 inch: 25.4 mm |

