

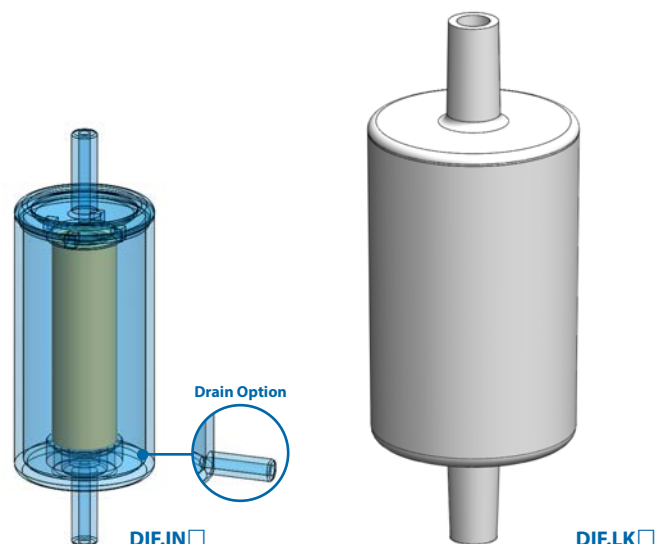
**Materials** Polyamide & PVDF  
**Pressure** Up to 8 Bar  
**Ports** 1/4" or 1/2" Spigots  
**Element** 12.57.□ & 25.64.□

Disposable In-Line Filters (DIF.I & DIF.L) consist of permanently welded housings with encapsulated microfibre filter elements. This makes them ideal for portable analysers and other analysis systems requiring a robust and easily replaceable filter.

A choice of body materials makes them suitable for a wide range of chemical environments. The units on this page are designed for particulate removal in gas and liquid applications. The K type filter element is fitted as standard, but other element types can also be installed.

The DIF.IN & DIF.IK can be supplied with a drain port spigot for coalescing application.

Replace the □ in the part number with the grade required, for example DIF.LN5K



## Technical Specifications

| Housing Model (1&2)                  | DIF.IN□ | DIF.IK□ | DIF.LN□ | DIF.LN□.201 | DIF.LK□ | DIF.LK□.201 |
|--------------------------------------|---------|---------|---------|-------------|---------|-------------|
| Port Spigot Size                     | ∅ 1/4"  | ∅ 1/4"  | ∅ 1/2"  | 1/4" NPT(M) | ∅ 1/2"  | 1/4" NPT(M) |
| <b>Maximum Pressure, Bar</b>         | 8       | 4       | 8       | 8           | 4       | 4           |
| <b>Maximum Temperature, °C</b>       |         |         |         |             |         |             |
| At 0 Bar                             | 110     | 120     | 110     | 120         | 110     | 120         |
| At Maximum Pressure,                 | 50      | 50      | 50      | 50          | 50      | 50          |
| <b>Materials of Construction (3)</b> |         |         |         |             |         |             |
| Body                                 | PA      | PVDF    | PA      | PA          | PVDF    | PVDF        |
| Filter Element Size                  | 12.57   | 12.57   | 25.64   | 25.64       | 25.64   | 25.64       |
| Standard Element (4)                 | KType   | KType   | KType   | KType       | KType   | KType       |
| <b>Principal Dimensions in mm</b>    |         |         |         |             |         |             |
| Diameter                             | 36.5    | 36.5    | 51      | 51          | 51      | 51          |
| Body Length                          | 73.5    | 73.5    | 79      | 79          | 79      | 79          |
| Spigot Length                        | 20      | 20      | 24      | 24          | 24      | 24          |
| Volume, cc                           | 50      | 50      | 110     | 110         | 110     | 110         |

### Notes

- (1) Replace the □ with the grade required, e.g. DIF.IN5K
- (2) DIF.IN and DIF.IK has the drain port option when fitted with a coalescing filter element e.g. DIF.IN5CK
- (3) Material abbreviations, PA = Polyamide, PVDF = Polyvinylidenedifluoride
- (4) Other binder types available to order