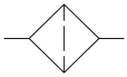
Partnership. With Guarantee.

# Activated carbon filter 1/4" up to 1/2"
# Series FI01-AC





| | |
|---|---|
| Design type | Activated carbon filter, Plastic bowl with protective guard |
| Function | Filtering compressed air, for filtering out gaseous impurities |
| Quality classes | Solid particles 1, Oil 1 according to ISO 8573-1, Residual oil content <0,005mg/m$^3$ |
| Filter element | Activated carbon |
| Connection | G1/4"...G1/2" according to ISO228/1 |
| Materials | Housing Acetal resin (POM), Threaded connections Brass, Condensate reservoir Polyamide, Protective cage PE, Seals NBR |
| Medium | Compressed air |
| Medium temperature | +5...+50°C |
| Ambient temperature | +5...+50°C |
| Inlet pressure | 0...16bar or rather 0...12,5bar loud table |
| Flow direction | is marked by an arrow |
| Mounting type | Installation in piping system or Wall mounting |
| Mounting position | vertical, Condensate container downward |
| Application note | Pre-installation of a standard filter and a microfilter is necessary.<br>When commissioning the system, the pressure should be increased slowly so that the filter elements are not damaged..<br>Recommended replacement of the filter element: 2000 Operating hours or 1/2 Year |

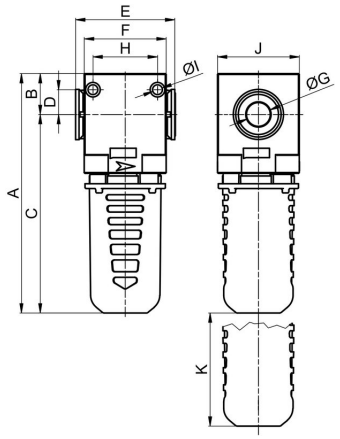
## Order code

| | FI01 | - | 14 | H | - | AC |
|---|---|---|---|---|---|---|
| | G1/4" | | 14 | | | |
| | G3/8" | | 38 | | | |
| **Connection** | G1/2" | | 12 | | | |
| **Flow rate** | Standard (Leave blank) | | | | | |
| | high flow rate | | | H | | |
| | | | | | | |
| **Filter element** | Activated carbon filter element | | | | | AC |



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## Dimensional drawing

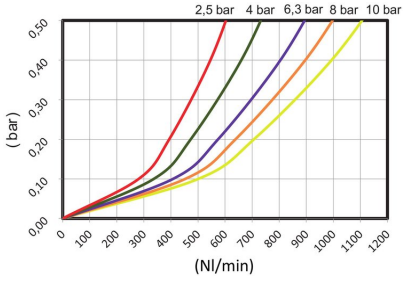



| Connection G | Flow rate at 6.3 bar* [Nl/min] | max. Inlet pressure [bar] | A | B | C | D | E | F | H | I | J | K | Weight [approx. kg] | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1/4" | 570 | 16 | 124,8 | 20 | 104,7 | 11 | - | 42 | 30÷32 | 4,5 | 42 | 55 | 0,1 | FI01-14-AC |
| G3/8" | 1400 | 12,5 | 153,3 | 26,1 | 127,2 | 15,8 | 63 | 52 | 41 | 5,5 | 52 | 83 | 0,2 | FI01-38-AC |
| G1/2" | 1400 | 12,5 | 185,3 | 31,5 | 153,7 | 17,4 | 75,5 | 63 | 40÷50 | 5,5 | 63 | 83 | 0,3 | FI01-12H-AC |

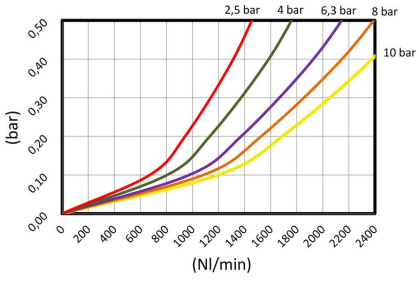
*Flow rate at inlet pressure 6.3 bar and 0.2 bar pressure drop

## Flow diagrams

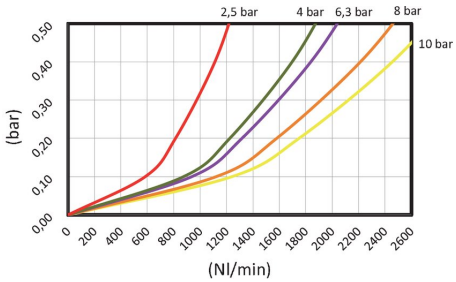
FI01-14-AC




FI01-38-AC




FI01-12H-AC




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