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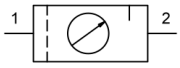
# Maintenance unit G3/4"...G1"
# Series Gold MU304




| | |
|---|---|
| Design type | Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Proportional lubricator, Oil filling under pressure possible |
| Connection | G3/4"...G1" according to ISO228/1 |
| Materials | Housing Zinc die casting, Oil and condensate reservoir Polycarbonate or Metal |
| Function | Pressure regulation with filtration and enrichment of the compressed air with oil |
| Filter element | 5µm |
| Mounting type | Installation in piping system or Wall mounting using mounting bracket |
| Mounting position | vertical, Drain screw bottom |
| Medium | Compressed air |
| Oil recommendation | HP32A (Temperature range 0...50°C), NR32 (Temperature range -35...85°C) |
| Oil metering | 1...2 drops/min at $Q_N$ = 1000 Nl/min |
| Medium temperature | with plastic bowl 0...+60°C, with metal bowl 0...+60°C (with appropriately conditioned compressed air -10...+60°C) |
| Ambient temperature | with plastic bowl 0...+60°C, with metal bowl -10...+60°C |
| Inlet pressure | 1,5...16bar or rather 1,5...20bar loud table, with automatic drain valve 1,5...16bar |
| Control ranges | 0,5...10bar and 0,5...16bar with metal bowl (0,5...3/ 0,5...6 on request) |
| Flow direction | is marked by an arrow |
| Scope of delivery | including pressure gauge |
| Special version | Inlet pressure 25bar |



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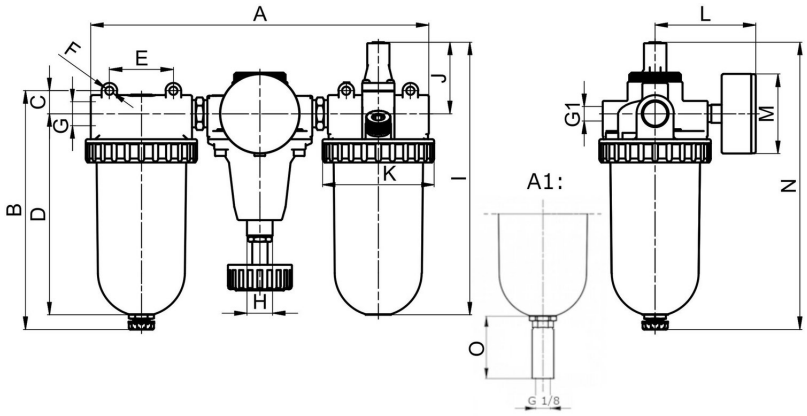
## Order code

| | | MU304 - 34 - 0,5/10 - P - F5 - A1 |
|---|---|---|
| | | |
| | 3/4" | 34 |
| **Connection** | 1" | 10 |
| | | |
| **Pressure range** | 0,5...10bar | 0,5/10 |
| | 0,5...16bar | 0,5/16 |
| | | |
| **Reservoir** | Plastic reservoir (Leave blank) | |
| | Plastic reservoir with protective cage | P |
| | Metal container | M |
| | | |
| **Filter element** | 5µm | F5 |
| | | |
| **Drain valve** | semi-automatic drain valve (Leave blank) | |
| | automatic drain valve | A1 |

## Dimensional drawing




A1: automatic drain valve

| Connection G | A | B | C | D | E | F | G1 | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G3/4" | 308 | 196,5 | 26,5 | 158,5 | 50 | 6,2 | G1/4" | M20x1,5 | 218 | 58 | 87 | 71,5 | 63 | 228 | 34 |
| G1" | 296 | 196,5 | 26,5 | 158,5 | 50 | 6,2 | G1/4" | M20x1,5 | 218 | 58 | 87 | 71,5 | 63 | 228 | 34 |

| Connection | Flow rate at 6 bar* [Nl/min] | max. inlet pressure [bar] | Pressure range [bar] | Weight [approx. kg] | Type |
|---|---|---|---|---|---|
| G3/4" | 5000 | 16 | 0,5...10 | 3,8 | MU304-34-0,5/10-F5 |
| G3/4" | 5000 | 16 | 0,5...10 | 4,3 | MU304-34-0,5/10-P-F5 |
| G3/4" | 5000 | 20 | 0,5...16 | 4,1 | MU304-34-0,5/16-M-F5 |
| G1" | 5000 | 16 | 0,5...10 | 3,6 | MU304-10-0,5/10-F5 |
| G1" | 5000 | 16 | 0,5...10 | 4,1 | MU304-10-0,5/10-P-F5 |
| G1" | 5000 | 20 | 0,5...16 | 4 | MU304-10-0,5/16-M-F5 |

*Flow rate data at inlet pressure of 8bar, outlet pressure of 6bar and 1bar Pressure drop



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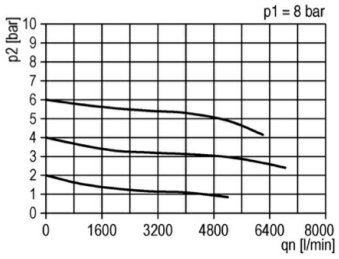
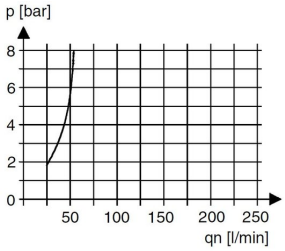
## Flow diagram, Oiler response threshold




Flow diagram




Oiler response threshold

## Accessories

| Designation | Type |
|---|---|
| Holding angle with neck nut for pressure regulators M20x1,5 | MMP04-38/10 |
| Holding angle with 2 screws for lubricators and filters | MMB04-38H/10 |

Illustrations non-binding
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