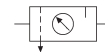


Two-Piece Maintenance Unit Type 488

variobloc G^{1/4} – G¹



ewo

4

The number of possible variations which can be created by the simple block-mounting of individual units to form air treatment units is naturally countless. We have listed some of the most frequently-used versions below. As regards filters, there are options for the bowls and drain valves, while for filter regulators there is generally a pressure range of up to 10 bar; various reservoir options are available for the lubricators.

Technical Data

| | I | | II | |
|--|--|------------------|--------------------|------------------------------------|
| Thread | G ^{1/4} | G ^{3/8} | G ^{1/2} | G ^{3/4} G ^{1***} |
| Nominal rates of flow* | 1500NI/min | 1800NI/min | 3400NI/min | 5000NI/min |
| Wideness of pores (filter) | 40 µm (optionally: 5 µm) | | | |
| Pre-Pressure (p₁) max.** | 16bar/20bar with metal bowl | | | |
| Secondary-pressure (p₂) max. | 10bar (opt. 6, 16bar) | | | |
| Max. operating temperature | 50°C**** | | | |
| Volume of condensate | 25cm ³ | | 85cm ³ | |
| Drain valve | manually (opt.: semi-automatic, fully-automatic) | | | |
| Oil volume | 50cm ³ | | 125cm ³ | |
| Lubricator function | from 50l/min | | from 150l/min | |

Material

| | |
|---------|---------------|
| Housing | zinc alloy |
| Bowl | polycarbonate |
| Seals | NBR |

Weight (without gauge) 720g 2070g (G¹=2530g)

* measured at 10bar pre-pressure (p₁), 6bar secondary pressure (p₂) and Δp=1bar, according to ISO 6953

** with internal-automatic drain valve between 1,0 and 12bar

*** mounting plates with G¹ see page 17

**** 80°C with metal bowl and oiler dome out of metal

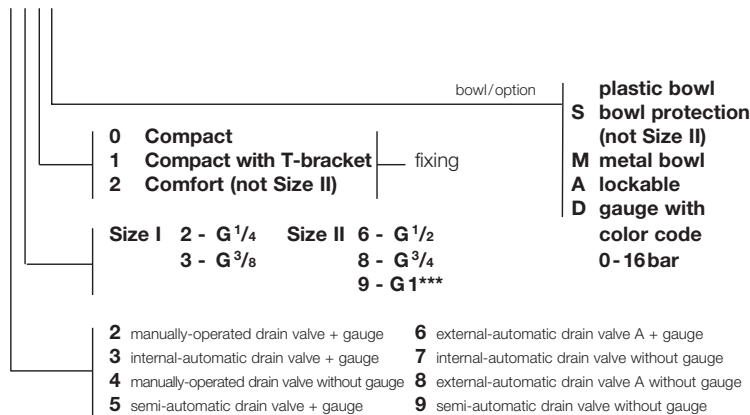
External-automatic drain valve see page 18

Recommended oil see page 10

Fixing- and assembly-possibilities see page 17

special option - how to order:

488.x x x x



Accessories and main spare parts see stand-alone device

Wear parts

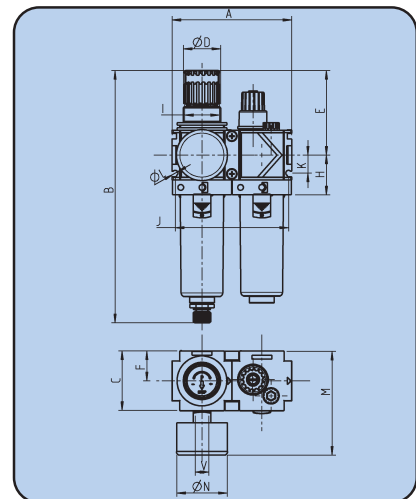
| | I | II |
|--|--------|---------|
| Diaphragm complete (with slip ring) | 480-92 | 480-263 |
| Seal cone complete | 480-48 | 480-218 |
| Regulation insert | 483-3 | - |

Advice:

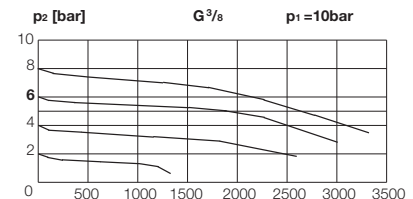
Pressure gauge
(self tightened)
added loosely

Upon request:

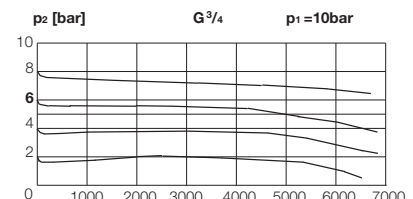
Cover "private label"
Thread NPT



Rates of flow



Q [NI/min]



Q [NI/min]

Dimensions [mm]

| Thread | A | B | C | ØD | E | F | H | I | J | K | ØL | M | ØN | V |
|---------------------------------------|-----|-----|----|----|----|----|----|---------|-----|------|-----|-----|----|------------------|
| G ^{1/4} and G ^{3/8} | 96 | 203 | 48 | 28 | 68 | 24 | 32 | M30x1,5 | 91 | 14,5 | 4,4 | 84 | 40 | G ^{1/4} |
| G ^{1/2} and G ^{3/4} | 140 | 273 | 70 | 39 | 98 | 35 | 44 | M42x1,5 | 132 | 18 | 5,4 | 106 | 50 | G ^{1/4} |
| G ^{1***} | 195 | 273 | 70 | 39 | 98 | 35 | 44 | M42x1,5 | 132 | 18 | 5,4 | 106 | 50 | G ^{1/4} |