

Housing-Material: EN-AC 44000-F

Nominal diameter: DN15, DN20, DN25, DN32

Connection:

- G ½" - 1 ¼" (BSP) at in- and outlet
- ½" - 1" NPT at in- and outlet
- G ¼" (BSP) at control unit outlet
- Female thread acc. DIN ISO 228-1
- Female thread acc. B 1.20.1

Nominal pressure stage: PN 16

Operation limits:

Max. working pressure bar ü	16
Max. working temperature°C	100

Media: Compressed air and pressurized gases

Function: Moisture and dirt particles are removed from the medium by a self-adjusting centrifugal separator and deposited in a collection chamber. Fine dust or floating particles will be retained by a sintered bronze microfilter. Drop-sized liquids will be separated completely and under pressure released to atmosphere by the integrated automatic drain unit (float controlled rotary valve).

Special characteristics: The centrifugal separator adjusts itself automatically to any variation of pressure and quantity. With the rotary hinge having the functions of a hinge pin and a shut-off valve, the automatic drain unit contains only one moving point.

Installation: Horizontal

Additional equipment against extra price:

- Blow-off valve for contamination instead of drain plug
- Additional drain unit – Pressoquick
- SS wire mesh screen with perforated brass sleeve in place of sintered metal filter
- Float control assembly for special applications
- Threaded condensate outlet port
- Drift pin to remove and install float control

Function limit:

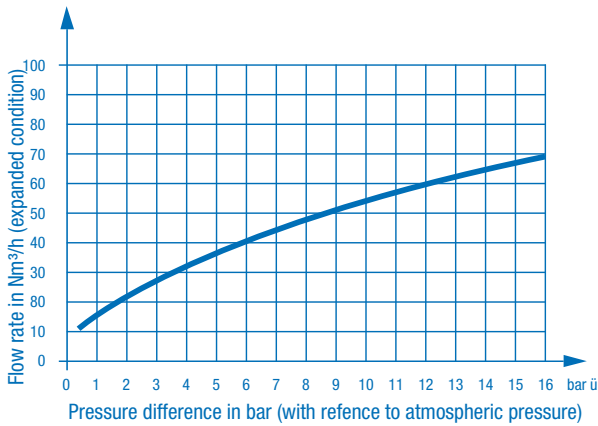
Float-control cross-section	max. line pressure in bar g Compressed air
C	16

CE - mark:

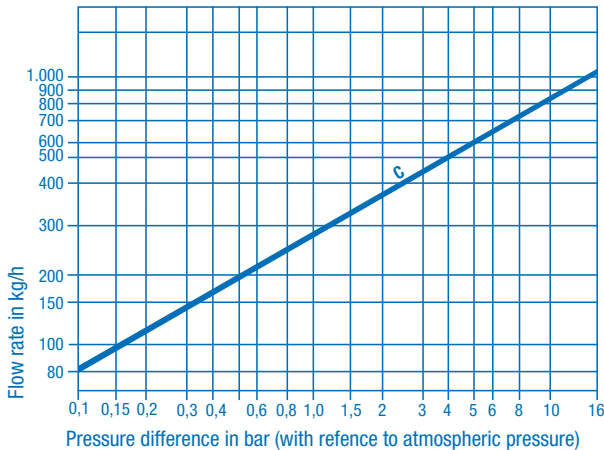
The pressure equipment is in accordance with the Pressure Vessel Directive 97/23/EC, Article 3, subsection 3 and bears no CE mark.

Please state the following when making inquiries / placing orders: Medium, density, initial pressure, counter pressure, temperature, quantity of condensation (kg/h) as flow rate (Nm³/h).

Performance of fine dryer



Performance of automatic drainage

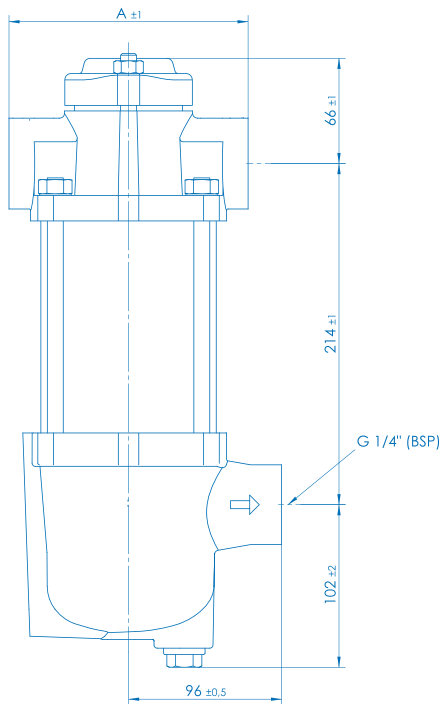




Installation Dimensions

5051

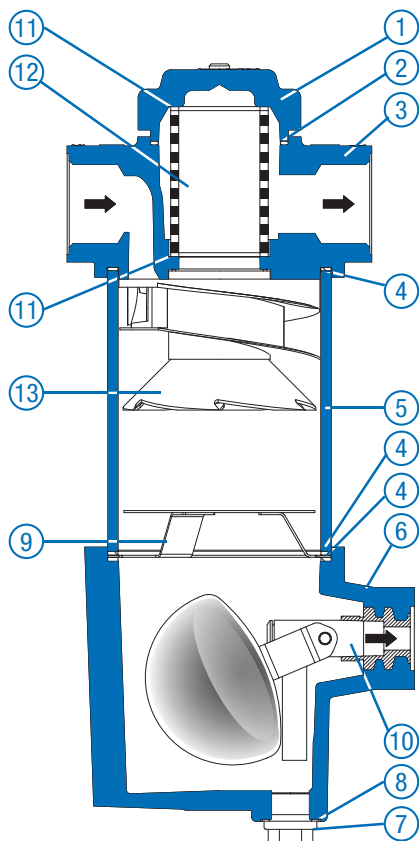
PN 16



Dimensions (in mm) / Weight (in kg)

	G 1/2", G 3/4", G 1" (BSP) 1/2", 3/4", 1" NPT	G 1 1/4" (BSP)
A	165	150
Weight	6,5	6,3

Spare Parts



- 1 **Housing cover:** EN AC-44000-F
- 2 **Cover gasket:** NBR
- 3 **Upper housing:** EN AC-44000-F
- 4 **Housing gasket:** Novapress
- 5 **Pipe:** ALMG3
- 6 **Lower housing:** EN AC-44000-F
- 7 **Drain plug:** DIN 910 - 5.8 - G 1/2" (BSP)
- 8 **Drain plug gasket:** Aluminium
- 9 **Baffle sheet:** 1.4301
- 10 **Control unit**:** 1.4301, 1.4112, 1.4057 oder 1.4571*
- 11 **Filter gasket:** Graphite
- 12 **Filter:** Sintered metal
- 13 **Tangential jet:** 1.4301, Aluminium

* Depends on operating conditions.

** Due to sealing requirements, marked items cannot be supplied as individual parts.

To ensure correct parts delivery, specify part number, works standard sheet number 5051, DN and for control components the cross-section.