



Cyclone separator 3/8" 2000 l/min 16 bar ISO 8573-1

45134



Product details

EAN	8712418340426
Brand	Airpress
GPSR Airpress	Airpress Polska Sp. z o.o.
Weight	1.88 kg
Gross weight	1.88 kg
Length	140 mm (1.4 dm)
Width	130 mm (1.3 dm)
Height	410 mm (4.1 dm)
Diameter (mm)	88
SKU	45134
Housing material	Aluminium
Element material	pa6 30% glass fibre, ste
Replaceable cartridge	Yes
Distance sensor	No
Pressure reducer	No
Air connection (")	3/8
Working pressure (bar)	0 - 16
Maximum pressure (bar)	16
Minimum ambient temperature (°C)	1.5
Maximum ambient temperature (°C)	65
Filter type	Prefilter
Air flow rate (L/min)	2000
Air flow rate (m3/h)	120

Description

Cyclone separator 3/8" 2000 l/min 16 bar ISO 8573-1
The cyclone separator is used for draining water-oil condensate from compressed air. Its basic components

are: casing, centrifugal separator, separating cover, and condensate drain. When compressed air enters the separator, it then goes to the centrifugal separator, which induces a swirling motion in the flowing air. During the swirling of the air, the condensate is pushed against the walls of the separator, from where it flows into the condensate drain and is expelled from the system.

Technical specification

Certification: Meets ISO 8573-1 standards

The separator consists of: casing, centrifugal separator, separating cover, and condensate drain.

Replaceable filtering element: The separator has a removable and replaceable filtering element

The separator does not have a built-in pressure reduction mechanism or a sensor to detect the distance or position of air flow

Working pressure: 0 - 16 bar

Property						Value		
SKU						45134		
Air flow (l/min)						120		
Connection						3/8"		
Max. pressure (bar)						16		
Ambient temperature range (°C)						1.5 - 65		
Height (mm)						410		
Diameter (mm)						88		
Weight (kg)						1.88		
SKU	Air flow (l/min)	Connection	Max. pressure (bar)	Ambient temperature range (°C)	Height (mm)	Diameter (mm)	Weight (kg)	
45134	120	3/8"	16	1.5 - 65	410	88	1.88	

Materials

Casing: Aluminium (housing), mounting elements: brass, galvanised brass, and steel; cover: ABS, seal: NBR

Cyclone element: PA6 30% glass fibre, steel

External protection: Powder coating (epoxy-polyester based)

Note! The indicator is an optional extra and is not included in the standard set.

The following types of filters and microfilters are available in Airpress's offer

Type	Description			
P	Pre-filters, filtration degree 3 µm.			
R	Pre-filters, filtration degree 1 µm.			
M	Microfilter 0.1 µm, oil residue ≤ 0.1 mg/m³.			
S	Microfilter 0.01 µm, oil residue ≤ 0.01 mg/m³.			
A	Activated carbon cartridge 0.01 µm, oil ≤ 0.005 mg/m³.			
A2	Molecular sieve cartridge, 0.01 µm, oil < 0.005 mg/m³, class 0/1 ISO 8573-1.			
Code	Type	Filtration degree	Oil residue	ISO 8573-1 class
P	Pre-filter	3 µm	–	–
R	Pre-filter	1 µm	–	–
M	Microfilter	0.1 µm	≤ 0.1 mg/m³	–
S	Microfilter	0.01 µm	≤ 0.01 mg/m³	–
A	Activated carbon	0.01 µm	≤ 0.005 mg/m³	–
A2	Molecular sieve	0.01 µm	< 0.005 mg/m³	0 / 1

Our offer includes filters with various filtration classes, tailored to the specific air quality requirements in compressed air systems.

