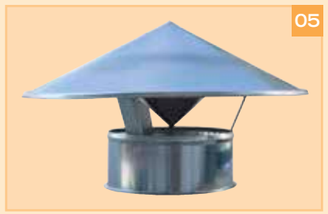

DETAILS

01) Cyclone with fixing ring for silos
02) Lined cyclones with support structure
03) Directly mounted fan on cyclone
04) Rotary valve equipped cyclone
05) Chinese hat
06) Conical hat
07) 90° bend
08) Silencers

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ZANIN
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CYCLONS

ZANIN
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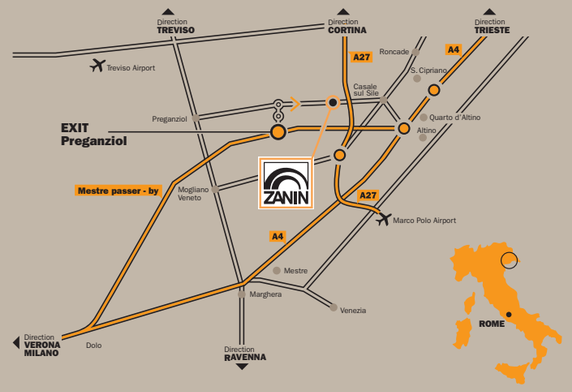


Agro-Industry

RESELLER

CYCLONS

Machines used inside plants performing the essential function of suction and decantation of the dust produced inside these plants to ascertain a higher quality of the finished product.

MANUFACTURING

- It consists of a cylindrical chamber with truncated cone lower hopper, with dusty air inlet tangential to the cylinder.
- Downward spiral conveying channel and clean air exhaust pipe upwards in the centre.
- At the lower discharge an airtight star valve is applied.
- Alternatively, the free discharge is controlled by a breathable container

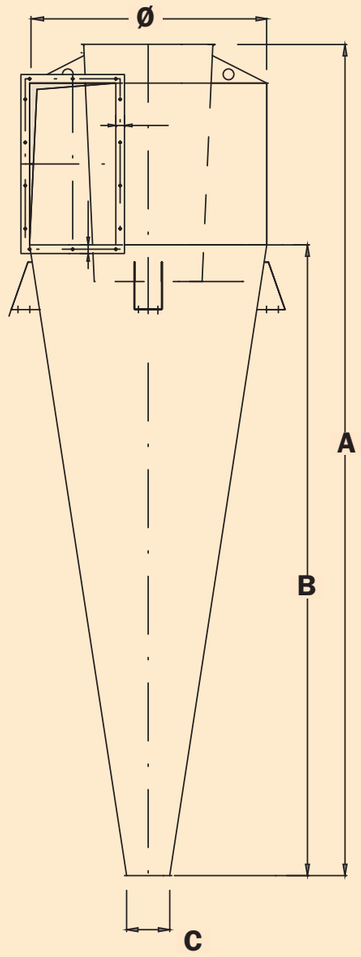
OPTIONAL

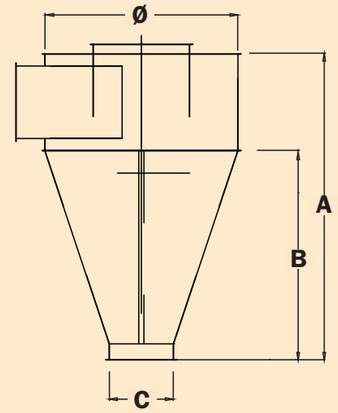
- Star valve.
- Inlet pipe connection hopper.
- Expansion cone.

OPERATION

The dust particles, which enter with the air in the cyclone, undergo the effect of two distinct and combined actions. The first is the friction on the inner wall of the cylindrical chamber against which the dust is pushed by the centrifugal force with the consequent slowing down and fall towards the discharge. The second is the discontinuance of the support of the particles in the air flow, for the loss of speed by the latter inside the unit. Once descended in the discharge cone, the dust is extracted from the air-tight star valve, which ascertains the undisturbed separation effect and the regular outlet of dust removed air from the upper drainage pipe.

SCHEME





LONG CONE TECHNICAL SPECIFICATIONS

Model	C 60	C 80	C 110	C150
Ø mm	600	800	1100	1500
$m^3/1'$	30-40	50-70	80-115	150-210
H_20 Pressure	50-80	50-80	50-80	50-80
A	1950	3040	3850	5230
B	1500	2400	2920	4030
C	200	200	250	250
Net Weight kg	60	75	150	230

SHORT CONE TECHNICAL SPECIFICATIONS

Model	C 60 R	C 80 R	C 110 R
Ø mm	600	800	1100
$m^3/1'$	30-40	50-70	80-115
H_20 Pressure	50-80	50-80	50-80
A	1000	1280	2365
B	650	930	1435
C	200	200	200
Net weight kg	15	25	75

N.B.:

- Specifications and data calculated with product with a specific weight of 0,78 t/m^3
- The company disclaims any responsibility for the accuracy of the data contained in this brochure and reserves the right to make any changes to its products as deemed necessary.