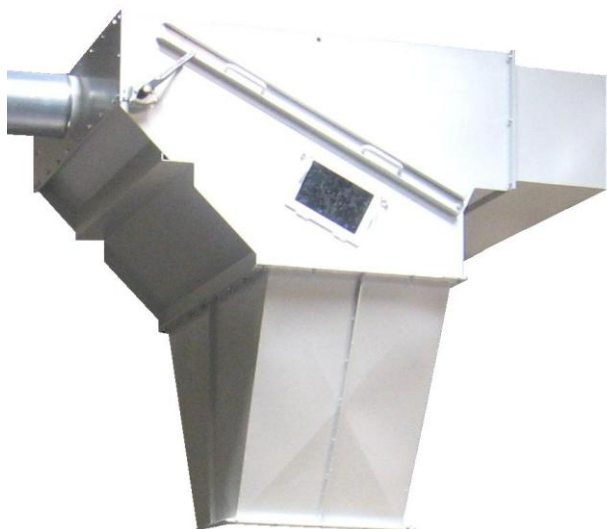




GRILLE SEPARATOR



PSC



DESCRIPTION

The "PSC" grille separator is a static element studied and designed for the separation of paper, cardboard and aluminium waste from the air, in pneumatic conveyor systems.

Created in a wide range of models, it is able to satisfy all the requirements of the sector for which it is intended.

Its simplicity of operation and compactness compared to traditional separators such as cyclones result in easy application even in the most confined of spaces.

The reduced pressure drops also guarantee energy savings in the sizing of the conveyor systems.

STANDARD SUPPLY

- Structure and casing made of sturdy painted carpentry, complete with flanged ports.
- Separation grille in AISI 304 on extractable drawer.
- Visual inspection doors.
- *Adjustable flow valve.*

ACCESSORIES

- Inlet hopper for single piping.
- Inlet hopper for multiple piping complete with non-return clapet.
- Air intake hopper for connections to balance fans.
- Automatic balance fan management system, with pressure switch and inverter.
- Dust filtration.
- Discharge connection on presses or containers.
- Discharge connection on presses with automatically controlled by-pass.

MODEL	MAXIMUM AIR FLOW
PSC 4	3,000 M ³ /H
PSC 5	5,000 M ³ /H
PSC 6	6,500 M ³ /H
PSC 7	8,000 M ³ /H
PSC 9	15,000 M ³ /H
PSC 10	20,000 M ³ /H
PSC 11	25,000 M ³ /H
PSC 12	32,000 M ³ /H

ON REQUEST SPECIAL EXECUTIONS FOR HIGHER FLOW RATES

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APPLICATION FOR DISCHARGE ON PRESS

For the storage of waste on an automatic bale press, the separator can be installed above it, supported when possible by the self-supporting channel connecting the separator to the baler, or by a support structure.

The structure can also be equipped on request with a platform and access ladder for maintenance operations.

The press discharge channel can also be equipped with a by-pass system to unload the waste even with the press stopped.

APPLICATION FOR UNLOADING ON CONTAINER

For the storage of waste on containers, the separator can be installed above it by means of a support structure.

The structure can also be equipped on request with a platform and access ladder, for maintenance operations.

The discharge can be fitted with a connection with flexible PVC curtains, to convey the waste inside the inlet of the container and to facilitate its movement.

Automatic deviation system for discharges on reserve containers to avoid production stops when the container is full.

The system works with a special electro-pneumatically controlled diverter valve applied under the separator, which exchanges the direction of the discharge on a full container signal.



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