Receivers type PS...
Pharmaceutical design

Stainless steel construction

Sturdy design

Easy to clean

Simple interior inspection

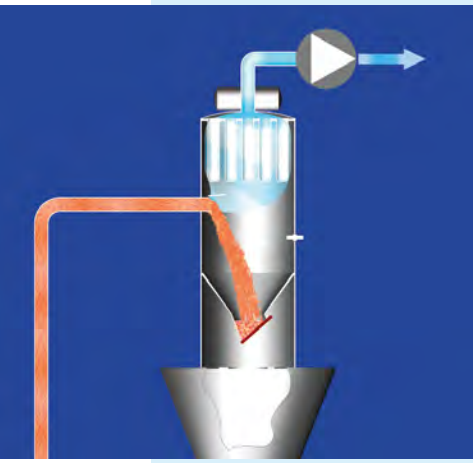
Preferred applications

For reliable feeding of free-flowing bulk materials without ingredient segregation to e.g. tablet presses, granulators or automated packaging lines in the pharmaceutical or other industries with similar high demands on hygiene and cleaning. The type PS... receivers are used as individual receivers, with a separate blower each, in dis-continuous vacuum, low-velocity vacuum and dense-phase vacuum conveying systems. They are mounted on the batch hoppers of the processing machines where they serve for separating the bulk materials.

Special advantages

- Gentle conveying without segregation
- Stainless steel construction without dead corners
- Sturdy and perfected design
- Generously dimensioned filters ensure dust-free operation
- Suitable for continuous operation due to compressed air purging of the filter
- No production stoppage due to a device indicating that the product supply at the feeding point is running low
- High functional reliability through electronic control and monitoring
- Can be completely dismantled for cleaning
- Simple filter inspection via a swivelling device at the cover

THE INNOVATION



How it works

When switching the blower on, a vacuum is generated causing the product to be transferred via the conveying line from the pickup point to the receiver. When the conveying phase has ended, the outlet door opens and the product is discharged. A new conveying cycle starts when the level control in the outlet requests more product. The filter is purged by automatic compressed air pulses after each conveying phase, and the air escapes via the vent filter. The sequence of the operating cycles is controlled by a freely programmable or an electronic control system. The actual operating state is displayed at the electronic control.

Design

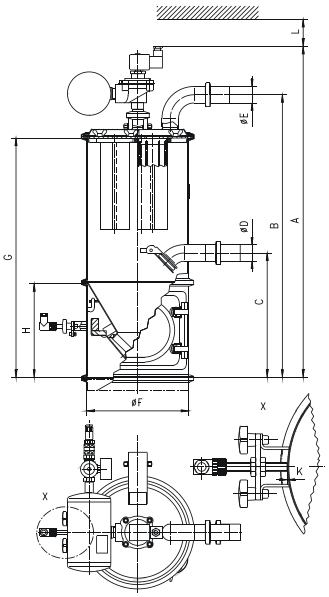
Filter with compressed air purging. Outlet with swing door, conveying connection with valve, clean air connection, electronic control in a separate box with plug connections. Clamping ring for mounting on customer's machine hopper. All parts in contact with product of ground and polished stainless steel, no dead corners or edges. Can be dismantled for cleaning.

AZO® SOLIDS

5819 1090 GB

Technical data

Receiver type PS 235-38



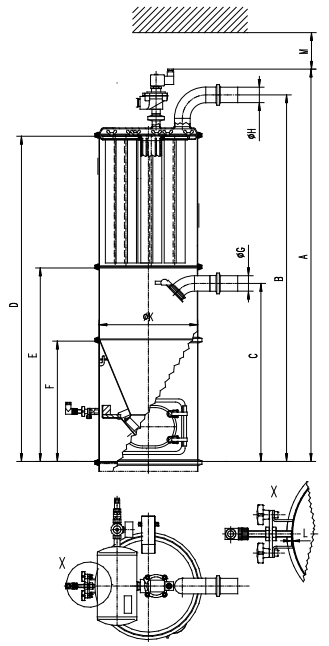
Receiver PS 235-38

Filter:	0.18 m²
Filter length:	215 mm
Capacity:	4.5 litres
Used for:	Free-flowing powders
Outlet:	Swing door
Net weight:	~ 18 kg
Vac. conveying:	Up to approx. 0.9 bar vacuum

Type	A	B	C	Ø D	Ø E	Ø F	G	H	K	L
PS 235-38	763	651	286	38	38	235	551	215	0,5	180

K = Maximum actuating distance of the solenoid switch
L = Space required for filter removal

Reveiver type PS 320-...



Receivers PS 320-38

Filter:	0.35 m²
Filter length:	215 mm
Capacity:	10 litres
Used for:	Free-flowing powders
Outlet:	Swing door
Net weight:	~ 30 kg
Vac. conveying:	Up to approx. 0.9 bar vacuum

Receivers PS 320-50

Filter:	0.70 m²
Filter length:	415 mm
Capacity:	20 litres
Used for:	Free-flowing powders
Outlet:	Swing door
Net weight:	~ 40 kg
Vac. conveying:	Up to approx. 0.9 bar vacuum

Type	A	B	C	D	E	F	Ø G	Ø H	Ø K	L	M
PS 320-38	945	833	462	727	—	390	38	38	320	0,5	190
PS 320-50	1272	1188	577	1054	627	390	50	50	320	0,5	220

L = Maximum actuating distance of the solenoid switch
M = Space required for filter removal

AZO GmbH + Co. KG
D-74706 Osterburken
Tel. +49 (0)6291 92-0
azo-solids@azo.com
www.azo.com