

# ***PNEU-CON*** ***PNEUMATIC*** ***CONVEYING, INC.***



## ***POWDER RECEIVERS***

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## Dust-Free Handling of Fine & Difficult-to-Handle Powders

Offering dust-free handling of fine and difficult-to-handle powders, Pneu-Con's Powder Receivers are constructed from aluminum, stainless steel or carbon steel. Abrasion-resistant design options are available upon request.

### KEY FEATURES

- 60 degree Cone design with discharge valves.
- Available in aluminum, carbon and stainless steel.
- Available with support flange or mounting brackets.
- Feed rates from 50-50,000 lbs/hr.
- Cartridge filter(s) are tube sheet mounted and lightweight for easy removal. 36" & 48" bottom removal option only.
- Cartridges are available for most applications.
- Receivers operate with vacuum & pressure blowers.
- Load cell mounted receivers are available for weight/totalization applications.
- Abrasion-resistant designs are available.
- Sanitary designs are available.
- Special inlet configurations are available.

## Dust-Free Handling of Powders

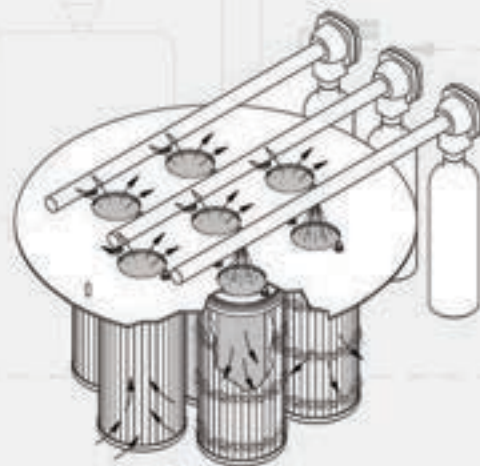
Difficult-to-handle and fine powders conveyed by Pneu-Con's Powder Receivers include:

Baking Soda	Crushed Glass	Protein Powders
Calcium Carbonate	Diatomaceous Earth	Rice
Caseine	Epoxy Resins	Salt
Cellulose Powder	Flour	Silicas
Cereal	Iron Oxide	Spices
Cocoa	Lead Oxide	Sugar
Cocoa Powder	Parmesan Cheese	Urea Prills
Coffee	Powdered Milk	Vitamins

### POWDER RECEIVER CLEANING SYSTEM

Every Pneu-Con Powder Receiver comes complete with a continuous, automatic pulse-jet cleaning system.

During a timed cycle, a burst of compressed air (or pulse jet) is directed down through the top of the cartridge filter element. This induces clean airflow into the filter, setting up a pneumatic shock wave inside the element. Filtered airflow is momentarily halted, and the media is firmly flexed, causing accumulated dust particles to drop from in between the pleats into the hopper. Since only one row of filter elements is cleaned at a time, there is no interruption of airflow through the system.



TUBE SHEET FILTERS

	PR1C	PR3C	PR4C	PR7C	PR10C	PR16C
<b>Housing Diameter</b>	8"	14"	18"	24"	36"	48"
<b>Common Line Size</b>	1.25"-1.50"	1.50"-3.00"	2.00"-4.00"	3.00"-5.00"	4.00"-6.00"	5.00"-8.00"
<b>FILTER AREA</b>						
<b>6" Long</b>	5 FT <sup>2</sup>	16 FT <sup>2</sup>	22 FT <sup>2</sup>	38 FT <sup>2</sup>	55 FT <sup>2</sup>	N/A
<b>12" Long</b>	11 FT <sup>2</sup>	33 FT <sup>2</sup>	44 FT <sup>2</sup>	77 FT <sup>2</sup>	110 FT <sup>2</sup>	176 FT <sup>2</sup>
<b>18" Long</b>	16 FT <sup>2</sup>	48 FT <sup>2</sup>	64 FT <sup>2</sup>	112 FT <sup>2</sup>	165 FT <sup>2</sup>	256 FT <sup>2</sup>
<b>24" Long</b>	22 FT <sup>2</sup>	66 FT <sup>2</sup>	88 FT <sup>2</sup>	154 FT <sup>2</sup>	220 FT <sup>2</sup>	352 FT <sup>2</sup>
<b>36" Long</b>	33 FT <sup>2</sup>	99 FT <sup>2</sup>	132 FT <sup>2</sup>	231 FT <sup>2</sup>	330 FT <sup>2</sup>	528 FT <sup>2</sup>



Pneu-Con custom-designs, engineers and manufactures quality Pneumatic Conveying Systems including Central Powered Systems, Self-Contained Systems, Powder Loaders & Receivers, Bag Dump Stations, Blower Packages, Bulk Bag Racks, Day Bins, Silos, Tilt Stations (Drum & Gaylord), Weigh Hopper/Batchers, Volumetric/Gravimetric Blenders, Vertical Mixers, Rotary Airlocks, Railcar Unload Systems, Just-In-Time Conveying, Fines Separators and System Controls.

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