

Bulk Handling Solutions

Storage Silos



 **CON-V-AIR**
SOLUTIONS



Storage Silos

Standard Equipment

- Carbon Steel- 3/16" minimum wall thickness construction. Internal and external welds.
- Sandblasted and epoxy painted
- Truck delivery fill line supplied complete with visual and audible alarm indicating to the operator when to stop filling
- Pressure/Vacuum safety relief valve
- Hermetically sealed 24" access door located on top of the silo
- Automatic pulse jet cleaning cartridge type filtration system located on the outside of silo roof allowing optimum material volume usage
- High level detection system
- Standard 60° discharge cone
- Flow aid system geared for your specific product
- Silo top protective railing
- 4" diameter schedule 40 fill line complete with 120V flow detector and CAMLOCK fitting, capable of up to 20 MTPH fill rate
- 120V Control panel complete with audible 110dB alarm and light beacon
- Automatic start 120V silo vent with filtration surface area of 250 ft² (< 5mg/Nm³ escaped effluents) and capable of operating in temperatures ranging from -30 to +40 °C.
- 120V level detectors

Options

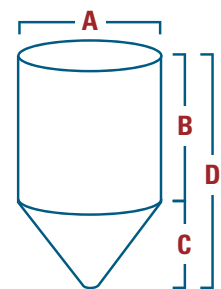
- Aluminum, stainless steel silos
- Continuous level sensors
- Load cell mounting for real-time weight measurement
- Precise inventory monitoring weight system
- Lightning Grounding System
- Heating, insulation and lighting (on skirted silos)
- All accessories required for handling and transformation of the stored product

Capacities

Model	Volume		Capacity – Lime 400 kg/m ³ - 25 lbs/ft ³		Capacity – Soda Ash (Dense) 960 kg/m ³ - 60 lbs/ft ³		Capacity – Powder Activated Carbon 480 kg/m ³ - 30 lbs/ft ³	
	m ³	ft ³	kg	lbs	kg	lbs	kg	lbs
CVAS-S25	25	883	10000	22075	24015	52980	12008	26490
CVAS-S50	50	1766	20000	44150	48030	105960	24015	52980
CVAS-S75	75	2648	30000	66200	72045	158880	36023	79440
CVAS-S100	100	3531	40000	88275	96060	211860	48030	105930
CVAS-S125	125	4414	50000	110350	120075	264840	60038	132420

Dimensions

Model	Diameter (A) ft	Height			Weight (Empty)	
		Straight Section (B) ft	Cone 60° (C) ft	Total Overall Height (D) ft	lbs	kg
CVAS-S25	8	17.01	6.06	23.08	5304	2411
CVAS-S50	10	21.84	7.79	29.64	8451	3841
CVAS-S75	12	22.30	9.53	31.82	10927	4967
CVAS-S100	12	30.88	9.53	40.41	13667	6212
CVAS-S125	12	39.47	9.53	48.99	20604	9366



Requirements

- Electrical requirements: 120V/15A/60Hz
- Compressed air: 5 scfm @ 65-75 psi

Construction

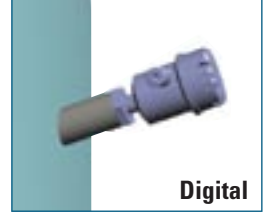
Configurations



Standard Equipment



Level Detection (Options)



Extraction (Options)



Storage Silos

Our storage silos are manufactured to meet our stringent specifications and are designed to reduce onsite installation requirements. Internal and external welding ensure leak free operation.

Cone design maintains product flow for even the most flow restrictive materials.

Operational by design our silos are aesthetically pleasing and many architects have asked for our input in an effort to integrate these with existing and new construction.

Performance and precision.

Distributed by



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