

Conveyor Filtration System (CFS)

Transferring and conveying bulk materials generates large amounts of dust that present air quality, safety and maintenance challenges. The DustHog® Conveyor Filtration System (CFS) provides a safe, effective and convenient solution to control these process emissions with a solution that integrates directly to the material conveyor.

CFS Features and Benefits

- **Simplified Installation.** The CFS installs directly onto the conveyor or bucket elevator eliminating the need for costly ductwork, hoppers, airlocks or feeders.
- **Operational Cost Savings.** The collected contaminant is returned directly to the conveyor reclaiming the material and increasing the yield of the process. The CFS consumes significantly less energy when compared to remote collectors that require hood and duct arrangements.
- **Flexible Configurations.** CFS' are available with varying filter medias, blowers, high temperature, control solutions and service options to match unique applications. The low profile design allows product installation in limited access areas.
- **Easy Service and Maintenance.** With the CFS, there are no containers to empty or monitor on a regular basis. The product can be serviced and maintained from a single side.
- **Filter Technology and Performance.** Powered by BHA® filter technology, the BHA filters included in the CFS offer high efficiency, low pressure loss and durable construction that can be relied upon to protect your workers and facility.

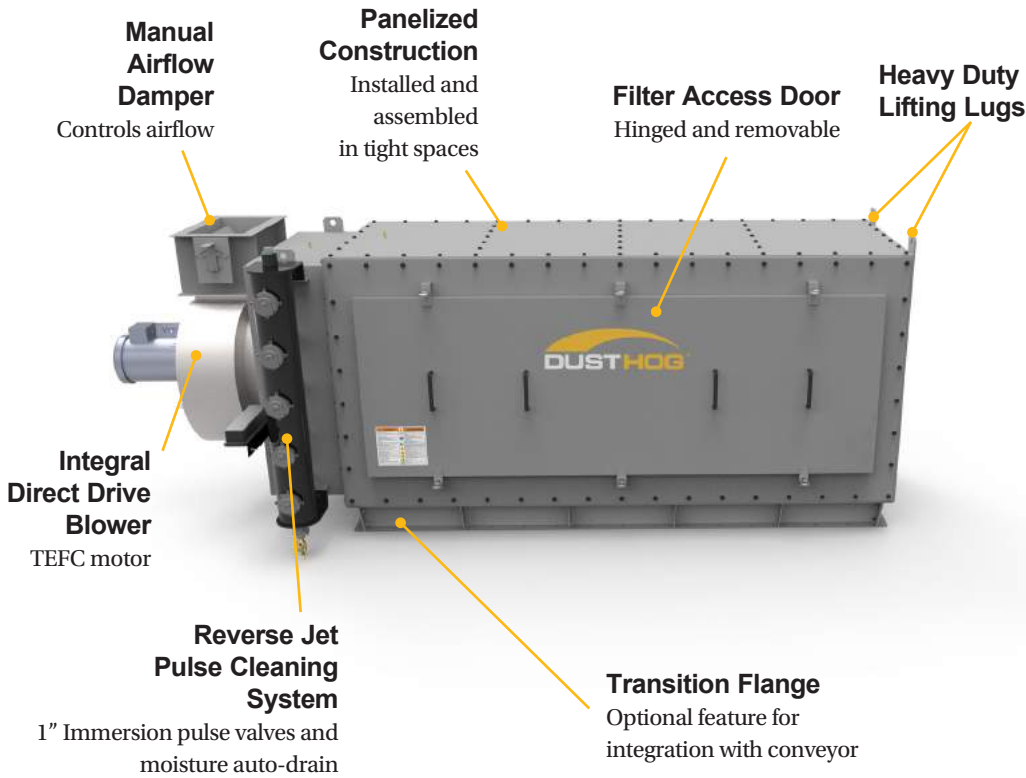


Conveyor Transfer Point Installation



Bucket Elevator Arrangement

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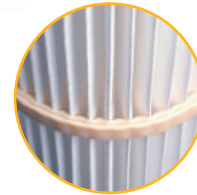


BHA® Filter Technology

Spunbond Polyester
300x



BHA iPLAS®
Pleat alignment and retention system



Conveyor Filtration System Specifications

Model	Number of Filters (wide x high)	Total Filter Area FT ² (m ²)	Nominal Airflow CFM (CMH)	Dimensions inches (cm)			Approx. Weight lb (kg)	Blower Size HP (kW)
				Length	Height	Depth		
CFS-12	12 (4 x 3)	590 (55)	1,770 (3,000)	105 (267)	32 (81)	44 (112)	955 (356)	5 (3.7)
CFS-16	16 (4 x 4)	787 (73)	2,360 (4,010)	105 (267)	40 (102)	44 (112)	1,155 (431)	5 (3.7)
CFS-20	20 (4 x 5)	984 (91)	2,950 (5,012)	105 (267)	48 (122)	44 (112)	1,360 (507)	5 (3.7)
CFS-25	25 (5 x 5)	1,230 (114)	3,690 (6,269)	105 (267)	48 (122)	52 (132)	1,555 (580)	7-1/2 (5.6)
CFS-30	30 (5 x 6)	1,476 (137)	4,430 (7,527)	105 (267)	56 (142)	52 (132)	1,785 (666)	10 (7.5)
CFS-36	36 (6 x 6)	1,771 (166)	5,315 (9,030)	105 (267)	56 (142)	60 (152)	2,010 (750)	10 (7.5)

Options and Accessories

- Kitted unassembled unit for field construction
- Integrated control panel options
 - Digital Pulse Control panels (DPC)
 - Motor starters
 - Variable frequency drives
- BHA Preveil ePTFE membranes
- Aramid (Nomex)
- Solenoid heater kits
- High temperature construction
- Discharge silencers
- Custom paint

Important - Understand and follow NFPA guidance in selecting equipment for your intended application, including required safety devices and testing your dust to determine combustion hazards. At your election, we can coordinate sample collection and testing.