

# GF Series Conveyors

The GF Series is designed for material transfer conditions where a rotary valve is not desired. This material feed device is a high capacity, gravity loaded, semi-dense phase conveyor with a range of capacities up to 150 TPH. It is suited for powder, pellets or granular materials. Medium pressure blower air is used to pressure convey material air at intermediate line velocities and higher material-to-air ratios for less abrasive wear and particle degradation than dilute phase systems.

## **Batch Transfer with Short Refill Time —**

For simple transfer without the use of feeder, featuring flow enhancing and anti-plugging modulation.

**High Capacity Transfers —** Range of capacities up to 150 TPH.

**Materials —** High-temp materials, abrasive feed powders (cement, fly ash, etc.) or non-abrasive pellet materials.

**Adaptable to a Wide Variety of Applications—** Designed for a wide variety of applications for bulk silos and bulk bag unloading/in-plant transfer.

## **Standard**

Carbon Steel Construction; 24 VDC Instrumentation; NEMA 4 Enclosure; Pinch-Type Vent Valve; High-Level and Low-Level Probe in Tank to Maximize Rate; Dual Inlet Valves; Butterfly Outlet Valve; Pressure Switch on Supply Air; Tank Pressure Gauge; Convey Line Pressure Gauge; Silicone VibraPads; Cyclonaire Blue Paint

## **Standard Options**

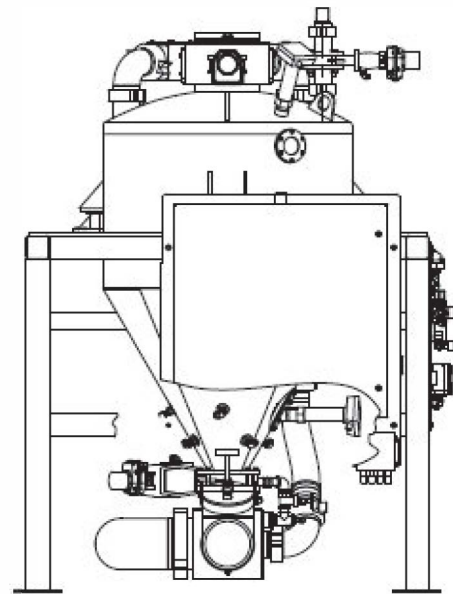
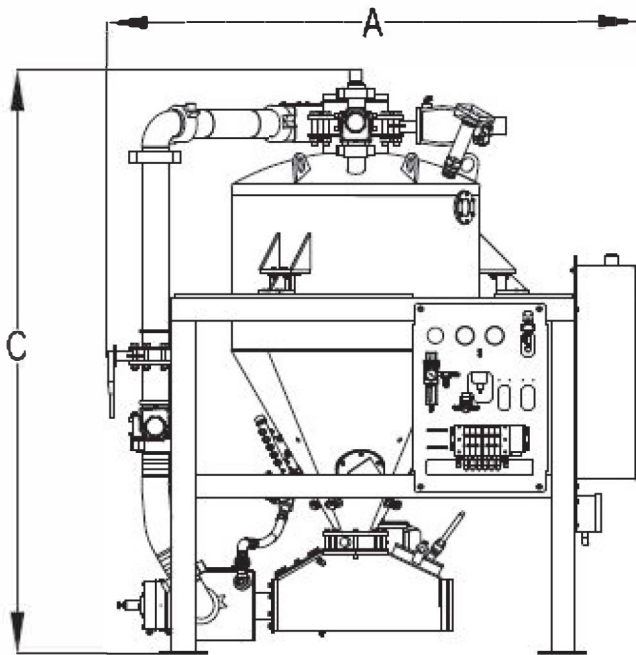
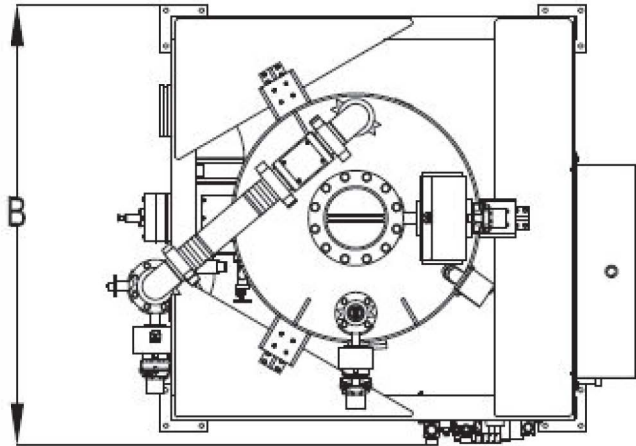
Configurable for Weighing Applications; 304 Stainless Steel Material Contact; Cyclonaire White Paint; Ceramic Lining on Manifold; Pressure Transmitters; Numerous Inlet and Vent Valve Options; Neoprene VibraPads; Felt Media Pads

## **Custom Options**

High Temp Paint and Devices; Custom Colors/Coatings Available; 316/316L Stainless Steel Material Contact; Custom Temp Rating up to 400 F

## **Requirements:**

- 15 PSIG blower for motive air
- 90 PSIG control air at 5 SCFM
- Power source



	Tank Volume	Tank Diameter	A	B	C	Approx. Weight Empty
Model	[ft <sup>3</sup> ]	[in]	[in]	[in]	[in]	[lbs]
GF-10	10	30	75	68	86	2000
GF-20	20	42	75	68	102	2500
GF-30	30	42	90	75	110	2700
GF-50	50	60	92	95	124	3200
GF-75	75	60	99	99	135	5000
GF-100	100	72	99	99	145	5400

Dimensions and weights are subject to change without notice  
 GF-100 models and larger ship as a split tank (top and bottom)  
 Weight estimates are of EMPTY conveyor  
 150 ft<sup>3</sup> and 200 ft<sup>3</sup> GF Conveyors are available upon request

Contact [sales@cyclonaire.com](mailto:sales@cyclonaire.com)

**cyclonaire**  
 pneumatic conveying solutions

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