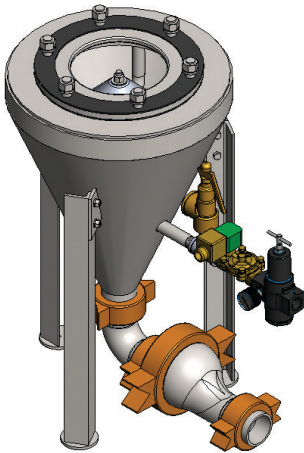


CycloLok Conveyor



Simple Dust Reclaim – The CycloLok is a gravity loaded, bottom discharged low-volume, dense phase conveyor with only one moving part. It is best suited for highly abrasive and friable materials in especially harsh environments, such as high temperature dust reclaim.

Capacity is rated to 2 TPH and temperature is rated to 450 °F.

This unit is simple to install and maintain and uses minimal compressed plant air.

Standard solid state controls offer reduced supervision for automated operations.

Standard

Carbon steel; Outlet check valve; 2.5" Convey outlet line size; Timing relay 120 VAC/60; NEMA 4 Type Enclosure for non-classified areas; Support legs

Standard Options

Stainless steel; Epoxy Coated CS; 24 VDC Control

Custom Options

Hazardous location controls

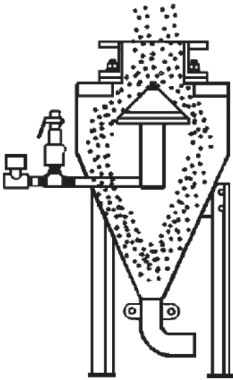
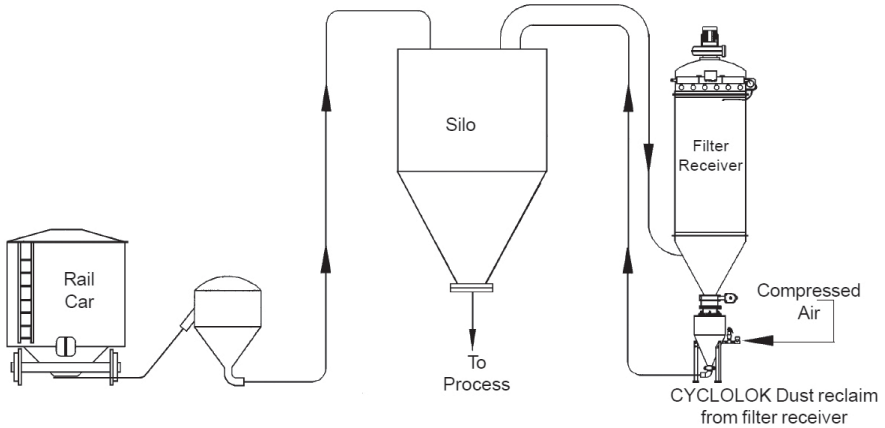
Application – Dust Reclaim and Low Volume Transfer.

Low Air Usage – Typical consumption is 20-30 SCF compressed air per cycle.

Requirements – 120 VAC/60 Hz 80-100 psig clean, dry compressed air.

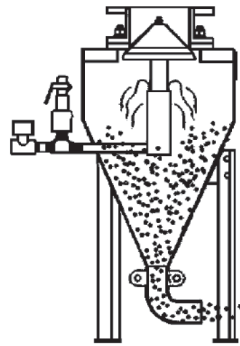
CycloLok® Transfer

Typical Installation Example



Load Cycle:

In the load cycle, the inlet valve is open and the air supply valve is closed. Material flows by gravity into the vessel. At a predetermined time interval, the load cycle ends.



Discharge Cycle:

As the discharge cycle begins, the air supply valve opens. The air rushing into the tank forces the inlet valve closed. The same air pressurizes the vessel, forcing the material into the convey line. When the vessel is empty, the air valve closes, returning the unit to the load cycle.

Contact sales@cyclonaire.com.

cyclonaire
pneumatic conveying solutions

(800) 445-0730 | cyclonaire.com