



PNEUMATIC CONVEYING SYSTEMS

AIR SHOOT™ Gravity Conveyor



OVERVIEW

Cyclonaire's Air Shoot™ is an incredibly simple, yet effective low pressure, air activated gravity conveyor for transferring fluidizable materials.

Material is moved in a near horizontal plane with minimal changes in elevation for layouts with low headroom or small vertical height differential between source and destination points.

The Air Shoot™ is available in open and closed (dust free) models and can be manufactured to your specifications.

With no moving parts, installation and operation is quick, simple and economical.

APPLICATIONS

- High material flow rates with minimal vertical height differential requirements

MATERIALS / CHARACTERISTICS

- Most fluidizable materials

CAPACITY

- Up to 500 TPH and beyond

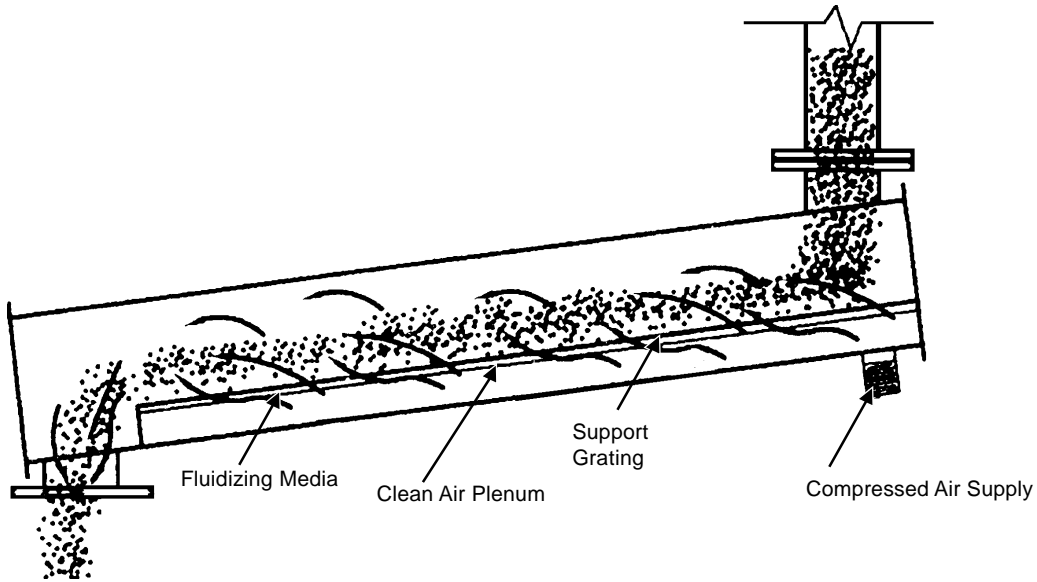
BENEFITS AND FEATURES

- Virtually maintenance-free, no moving parts
- Heavy duty, 10 gauge carbon steel inlet, chute and outlet
- Most economical form of dry conveying
- Custom engineering and sizing for your application
- Standard:
 - Carbon steel
 - Pneumatic actuator
 - Open/close NEMA 4 limit switches
- Specify:
 - 304 or 316 Stainless Steel
 - Electric actuator
 - NEMA 4x, 7/9 limit switches

REQUIREMENTS

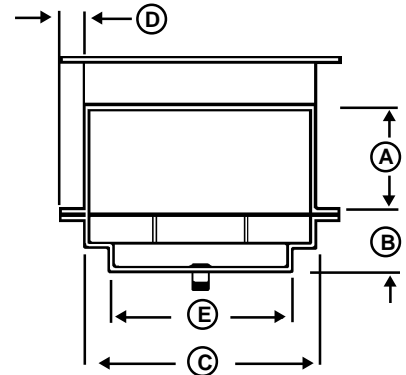
- 0.5 - 5 PSIG at 5 - 20 cfm/ft²
- 40 or greater vertical slope between source and destination point

AIR SHOOT



Model	Top A	Bottom B	Width C	Flange D	Flange E	Capacity Cu.Ft./Hr.	Weight Per Ft.
AS6	4	2¾	6	1½	4½	1000	25
AS8	6	2¾	8	1½	6½	2500	28
AS10	8	2¾	10	1½	8½	3500	31
AS12	10	2¾	12	1½	10½	6000	34
AS14	12	2¾	14	1½	12½	8000	37

END VIEW



Length of section is 10' each maximum

Custom inlets and outlets as required

NOTE: Dimensional data for reference only. Subject to change without notice. All weights are in pounds, all dimensional units are in inches, unless noted.

