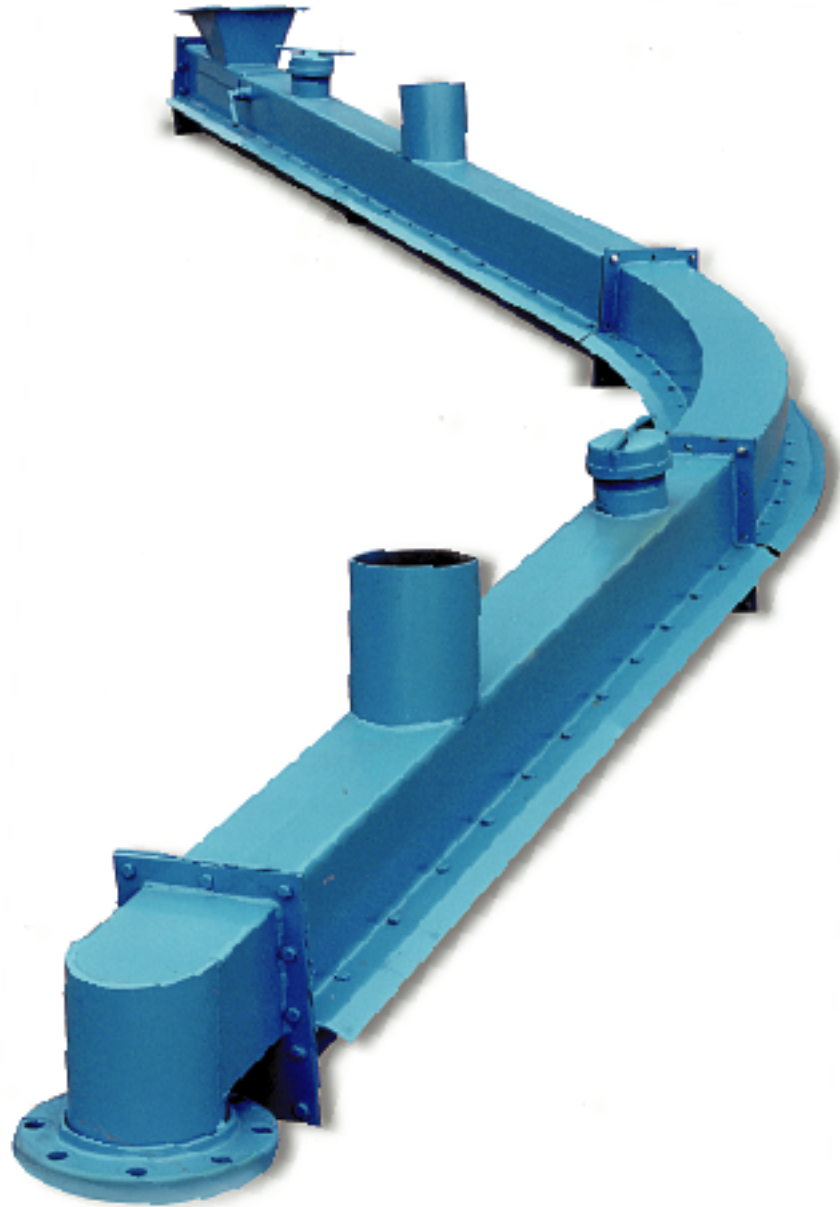


# Whirl-Slides



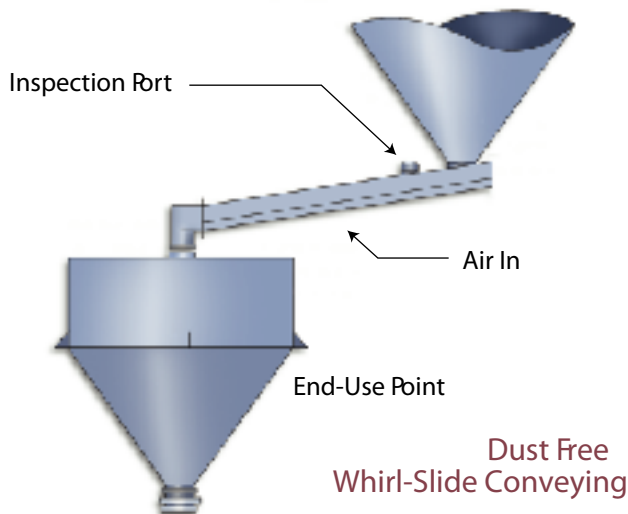
*Easily & Dependably Transports  
Free-Flowing Materials Nearly  
Horizontally Using Low Pressure Air*



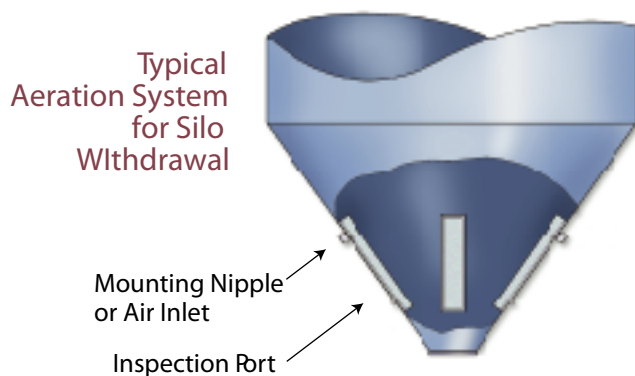
**WHIRL-AIR-FLOW**

# a straight-forward, simple design delivers high capacity, low maintenance conveying

Whirl-Slides are high volume conveyors designed to move powders and free-flowing products along a nearly horizontal plane. The simply designed, rectangular enclosure eliminates airborne dust particles during transport of products. Materials are moved on a low pressure "cushion of air" admitted through a fluidizing membrane which has no moving parts, eliminating associated wear.



Most powdered products are easily conveyed in the enclosed, dust-free Whirl-Slide. Materials handled by the Whirl-Slide are in the 40 mesh and finer range. Whirl-Slides can be utilized to convey materials from silos or hoppers or other feed points to use points or load out operations like filling rail cars. Whirl-Slides can be used to aerate silos to eliminate bridging.

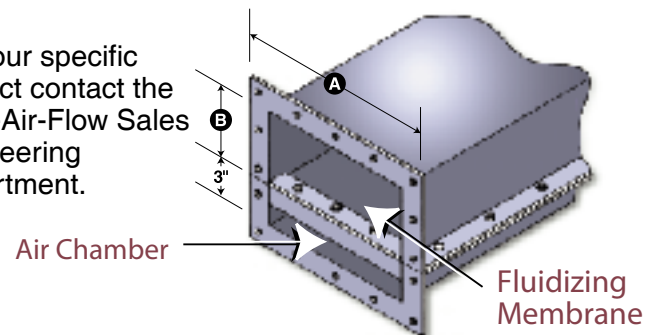


## Design

Whirl-Slides are manufactured in many different shapes and sizes, ranging from 4.00" to 24.00" wide. Units are custom built to customer requirements. Special designs include curved sections, drop chutes and special collectors.

Specific products require different downward slope angles to flow, from 2 to 15 degrees. Standard design is 8 degrees. Whirl Slides are manufactured in standard ten foot lengths, from carbon or stainless steel.

For your specific product contact the Whirl-Air-Flow Sales Engineering Department.



## Specifications & Capacities

model no.	A	B	capacity cu. ft./hr.*	weight lbs./lin. ft.
4GVS	4.00"	6.00"	400-800	23.9
6GVS	6.00"	6.00"	800-1600	28.4
8GVS	8.00"	6.00"	1600-3200	33.9
10GVS	10.00"	∅6.00"	2400-4500	39.7
12GVS	12.00"	6.00"	3000-6000	46.4
14GVS	14.00"	8.00"	4000-8000	57.2
16GVS	16.00"	10.00"	6000-12000	62.7
20GVS	20.00"	12.00"	8000-16000	79.7
24GVS	24.00"	14.00"	16000-32000	101.5

- 1) Actual capacity depends upon the material conveyed. Use average or consult factory.
- 2) Air consumption will range from 10-30 SCFM @ 0.75 - 2.0 PSI depending upon product conveyed. The more granular & heavy the higher the airflow and pressure.



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