



Aerators



An aerator is a simple and efficient means of introducing low pressure air into any dry finely ground material. The air is equally distributed in controlled quantities to give the material an ability to flow by gravity from bins, hoppers or chutes. Aerators incorporate non-clogging diffusers, integral orifice and construction features which insure long, maintenance-free life.

Typical applications include: gypsum, Portland cement, bentonite, casein glue, fuller's earth, soda ash, lime, flour, bran, clay, sawdust, carbon black, chemicals, barites, ore, feed, cereals, diatomaceous earth, pigments, soap powder detergents, fly ash and plastic moulding compounds.

Features and Benefits:

- Can be installed from inside or outside of the bin
- Only one drilled hole needed per pad
- Easy installation
- Integral orifice – controls air consumption at any recommended pressure
- Non-clogging diffuser – provides equal distribution of air; will not clog when air is on with even the finest materials.

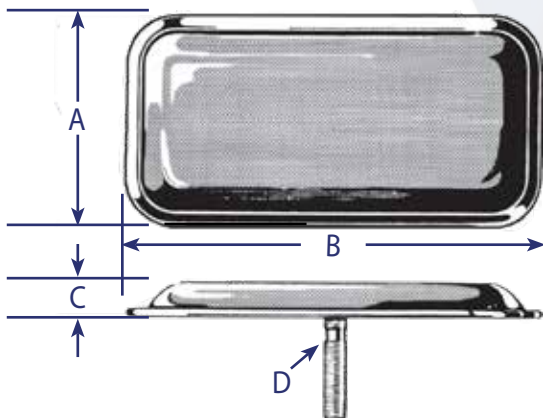
Specifications:

- Diffuser Cotton (Canvas): Up to 180° F (82° C); Fiberglass: Up to 600° F (316° C)
- Diffuser Frame: Galvanized Steel 16 mesh or 316 Stainless Steel mesh
- Body: Zinc plated steel or stainless steel
- Dimensions L Series: 3.75 x 7.5 in. (9.5 x 19 cm); LL Series: 6 x 12 in. (15 x 30 cm)

Choose Model Number

| Diffuser | Diffuser Support | Body | 'L' Series 3 3/4" x 7 1/2" | 'LL' Series 6" x 12" |
|-----------------|-------------------------------|-----------------|-------------------------------|-------------------------|
| Cotton (Canvas) | Galvanized Steel 16 Mesh | Zinc Plated | L LBF900000 | LL LLF900000 |
| | Stainless Steel Mesh Type 316 | Stainless Steel | L-SS LBF900002 | LL-SS LLF900002 |
| Fiberglass | Galvanized Steel 16 Mesh | Zinc Plated | L-FG LBF900001 | LL-FG LLF900001 |
| | Stainless Steel Mesh Type 316 | Stainless Steel | L-SS-FG LBF900003 | LL-SS-FG LLF900003 |

Dimensions:



| | "L" Series | "LL" Series |
|---|------------|-------------|
| A | 3 3/4" | 6" |
| B | 7 1/2" | 12" |
| C | 7/16" | 11/16" |
| D | 1/8" x 2" | 1/4" x 2" |



Silo Fluidizer Disks

Keep Dry Bulk Materials Moving!

ChaDa Sales offers a family of Silo Fluidizers that promote the discharge of dry products from storage silos, dust collectors, weight bins and IBC's. Solimar Fluidizers enable a uniform flow of most dry bulk materials through aeration and hopper wall vibration that helps prevent bridging, rat holing and compacting.

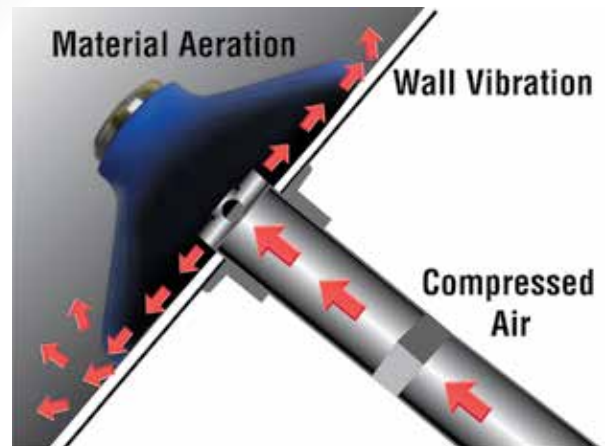
Features:

- Aeration - loosens up the product allowing it to flow easier. Minimum back pressure puts air energy where it is needed the most – in the silo.
- Directional Air Flow - The fluidizer disk forces air to move along the bin wall freeing up product and assuring good clean-out.
- Gentle Vibration - keeps the product flowing with-out allowing it to compact or plug.
- No Airline Plugging - The patented disk seals tightly against the silo wall and prevents airline plugging.
- Robust Design - The disk will not tear, pick up moisture and is unaffected by temperatures up to 350°F (170°C).
- Material Compatible - Silicone rubber standard in blue or white (both food grade/FDA approved), or black or white EPDM.



Patented Fluidizer used with over 120 different material types in 70 countries around the world.

Install From Outside. Available EZ-In (Easy-In) kits for installation without getting inside the bin or replacing out dated screen pads.



Hopper cutaway shows Fluidizer in use.