

**SOLIMAR**

Since 1985

# Disk Fluidizer *for* Dry Bulk Tank Trailers

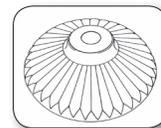
***Solimar's Disk Fluidizer System Provides Aeration & Vibration for Fast, Efficient Unloading of Dry Bulk Materials***



**Reliability.** Solimar's Disk Fluidizer works effectively to provide aeration, vibration & directional air flow required for rapid unloading of dry bulk trailers & containers.

**Easy to Install, Clean & Maintain.** Unlike fabric pads that plug or wear out & have to be replaced regularly, the Disk Fluidizer will not plug nor pick up moisture which can cause mildew.

**Retrofittable.** Solimar Disk Fluidizers can be retrofitted to replace older or inferior style aeration cones.



**Insist on genuine Solimar disks with the trademarked Radial Ridge Design.**

**Nothing unloads faster, or lasts longer than Solimar.**



Solimar Pneumatics | Minneapolis, MN 55432 USA | 1.800.233.7109 | P: 763.574.1820

F: 763.574.1822 | email: [solimar@solimarpne.com](mailto:solimar@solimarpne.com) | [www.solimarpneumatics.com](http://www.solimarpneumatics.com)

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## Disk Fluidizer for Dry Bulk Tank Trailers

### DESIGN FEATURES

Durable, food grade silicone will not harden, crack or tear.

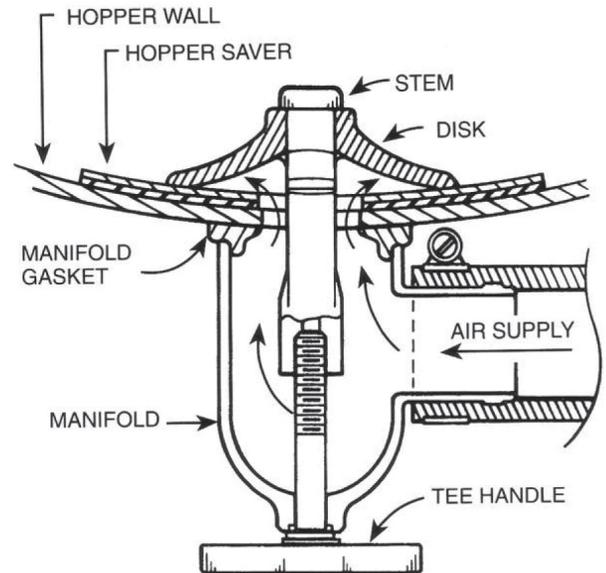
Standard disks – blue or white up to 350° F (170° C) operating temperature.

Specialty disks – orange > high temp to 450° F (230° C), grey > metal detectable.

Disk seals tightly to the hopper wall which prevents plugged airlines.

Stainless steel Hopper Savers prevent hopper wear caused by abrasive materials.

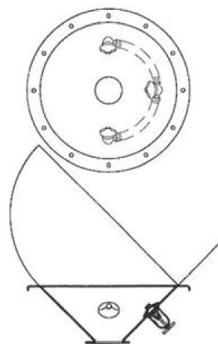
Air Manifolds use 1½" & 2" airlines – fiber reinforced grey or amber colored Clear-View plastic.



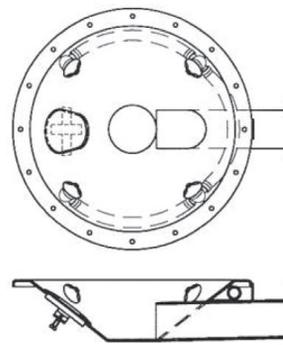
**How it works.** Pressurized air enters the exterior manifold & is forced through the opening of the tank's hopper wall. The Fluidizer disk disperses the air along the inside of the hopper. Near the end of the unloading cycle the Fluidizer begins to vibrate. This combination of air flow along the hopper wall & gentle vibration of the disk prevents bridging & ratholing while generating quick product flow to the outlet & ensuring good cleanout of the trailer.

### Fits Most Hopper Styles.

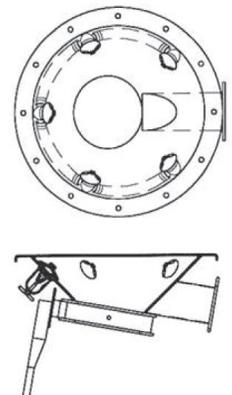
Solimar's Fluidizer Disks can be used on a variety of hopper styles & will conform to any hopper shape, curved or flat. One, two or three port manifolds available for various installation combinations.



Tipping Trailer Outlet



Shallow Hopper with Side Outlet & Access Door



Hopper with Gravity Dump Outlet