

# AIRSWEEP®

## MATERIAL ACTIVATION SYSTEMS



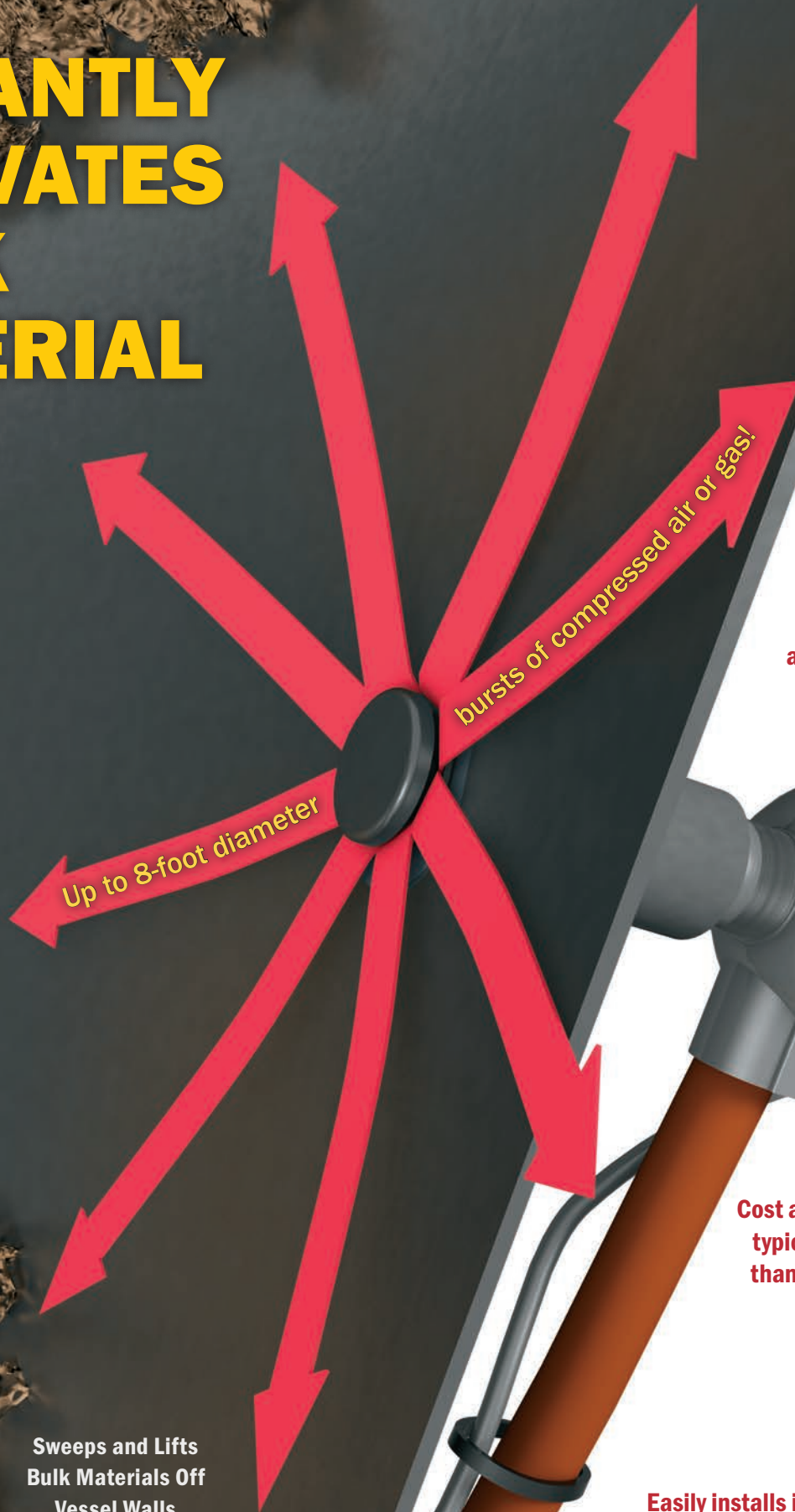
**Provides first-in/first-out, on-demand flow**

**Eliminates**

- **Ratholes**
- **Bridging**
- **Sticky Buildup**

**Easily installed & maintained from vessel exterior**

# INSTANTLY ACTIVATES BULK MATERIAL



bursts of compressed air or gas!

Up to 8-foot diameter

Easily mounted  
and maintained from  
vessel exterior

Cost and energy efficient—  
typical system uses less  
than 15 CFM of plant air

Sweeps and Lifts  
Bulk Materials Off  
Vessel Walls

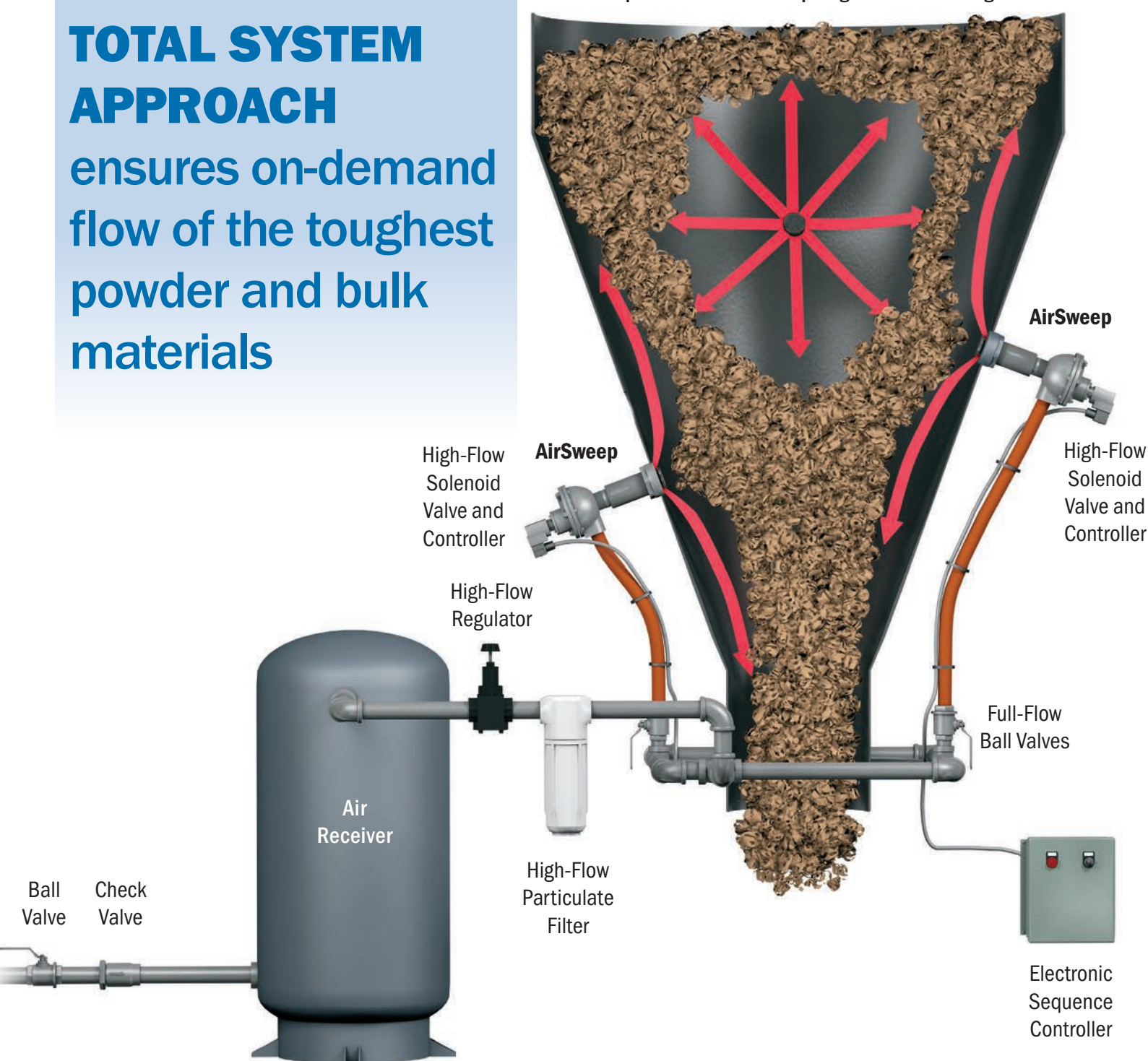
Easily installs in metal, concrete,  
wood or fiberglass silos, bins,  
hoppers, chutes—any place where  
materials can hang up in a process



# TOTAL SYSTEM APPROACH

ensures on-demand flow of the toughest powder and bulk materials

Strategically-located AirSweeps pulse in a programmed sequence to start and keep tough materials flowing



## FOOD

Animal Feeds  
Brewers Grain  
Brine (dust)  
Chocolate  
Cocoa  
Coffee  
Feed  
Flour  
Grains  
Hops  
Meal  
Oat Hulls  
Peanuts

## Rice Bran

Salts  
Soybean Hulls  
Starch  
Sugar  
Tankage  
Tea

## MINED

Aluminum  
Barite  
Bentonite  
Borax  
Copper

Coal (coke, mine, run-silt, pulverized)  
Diatomaceous Earth  
Gypsum  
Iron Ore  
Kaolin  
Lead  
Lignite  
Limestone  
Magnetite  
Phosphate  
Shale  
Soda Ash  
Taconite

Trona  
Uranium

## CHEMICALS

Adipic Acid  
Ag Limestone  
Aluminum Chloride  
Boric Acid  
Calcine  
Calcium Carbonate  
Herbicides  
Hydrated Lime  
Iron Oxide  
Lead Chromate

Moly Disulfite  
Polyacrilimide  
Sodium Sulfite  
Titanium Dioxide  
Zinc (acetate, chromate, oxide)

## OTHER

Acetate  
Cements  
Chalk  
Cork  
Detergents  
Fertilizer

Fly Ash  
Foundry Sand  
Pharmaceuticals  
Plastics  
Resins  
Sludge  
Tobacco  
Wax Flakes & Pellets

**Prevent and eliminate hang-ups and blockages in your silos, bins, hoppers, and chutes** with coordinated, 360-degree bursts of compressed air/gas. Each pulse activates up to an 8' diameter of material without vibration or stress to the vessel.

**Activate bulk material with a first-in, first-out controlled flow** with sequenced pulsing of strategically-positioned AirSweeps.

**Installed and maintained from outside the bin**, each AirSweep can easily be retrofitted for any application—even in temperatures up to 900° F.

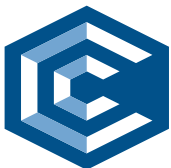
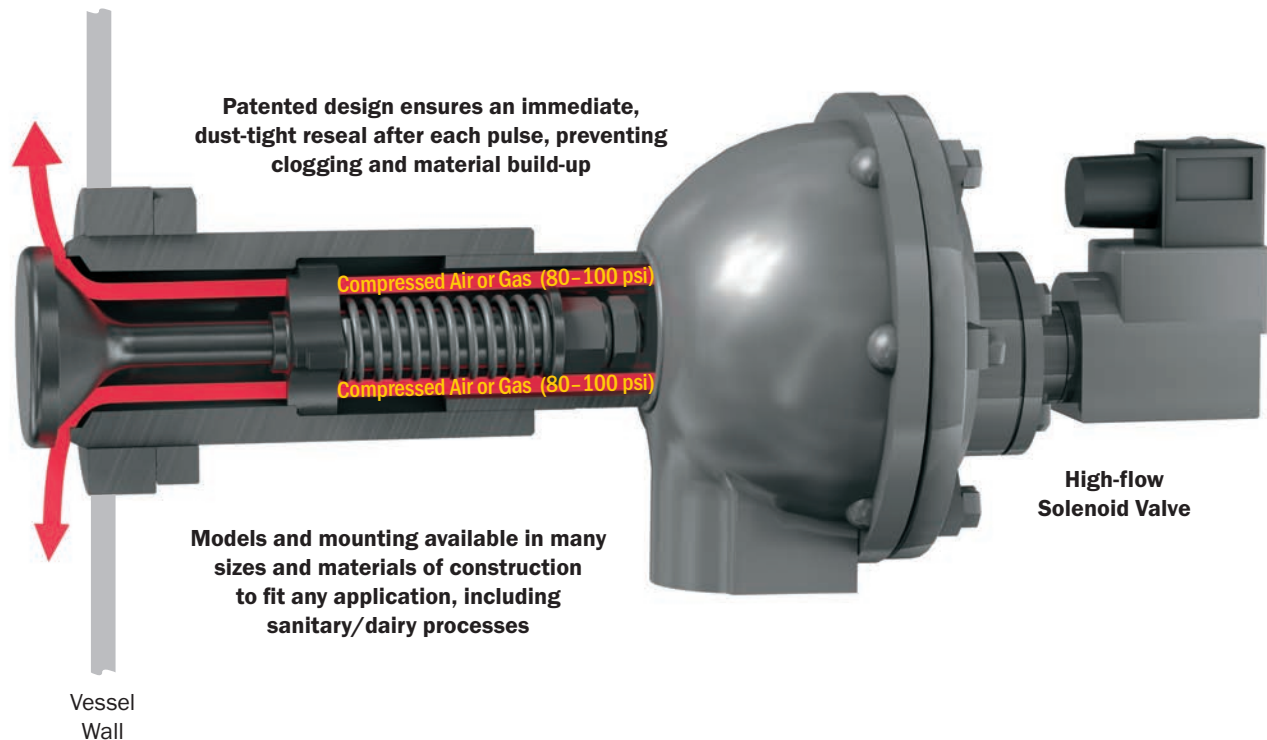
**Virtually maintenance-free performance.** The patented valve design utilizes only one moving part, ensuring an immediate reseal after each pulse, to prevent material feedback.



## SEE IT IN ACTION!

Visit [www.AirSweepSystems.com](http://www.AirSweepSystems.com) or call **(860) 928-6551**

Request a FREE engineered proposal based on your application



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