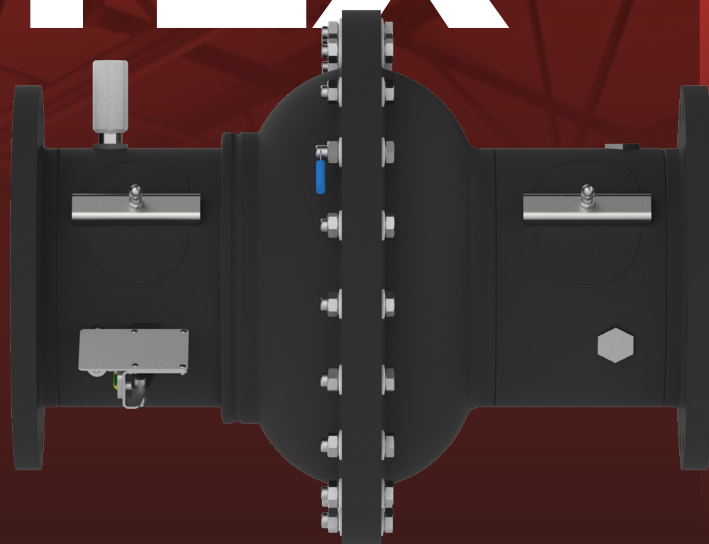




GV TECHNOLOGY®
FIRE AND EXPLOSION PROTECTION

VENTEX

FLOAT
VALVE



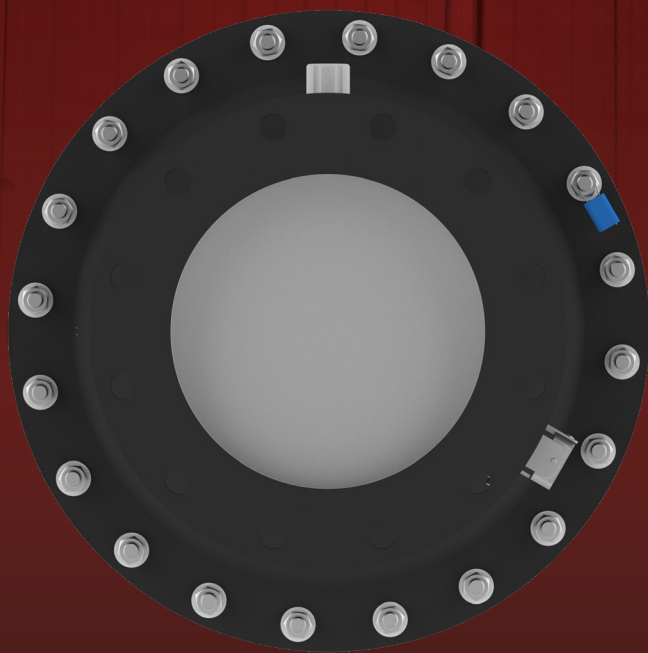
Float Valve Provides Passive Containment and Handles Combustible Gases and Combustible Gas Mixtures



Providing high-strength, passive protection against explosions and deflagrations in your process, the Ventex® float valve meets demanding application requirements and is rated for containment to safeguard equipment, people, and your plant.

The valve can protect bidirectionally or in a single direction and operates by closing when an explosion's pressure wave acts against the interior floating disc, pushes the disc against the valve housing and closing the valve. Handling high-KSt applications with ease, this valve's robust construction makes it suitable for applications handling organic dusts, metal dusts, combustible gases, and hybrid mixtures. The valve is compliant with NFPA 69 and certified according to EN 15089.

The Ventex® float valve includes a sensor to indicate if the valve has activated and can be reset and maintained in place at your plant. If service or repair is needed after valve activation, CV Technology can provide rebuild or more intensive maintenance services. Available float valve models include clean-in-place, high-temperature, or high-pressure versions.



Ventex®

Float Valve

The Ventex® float valve is a passive isolation device that's NFPA compliant and designed to prevent the propagation of deflagration in a duct or pipeline.

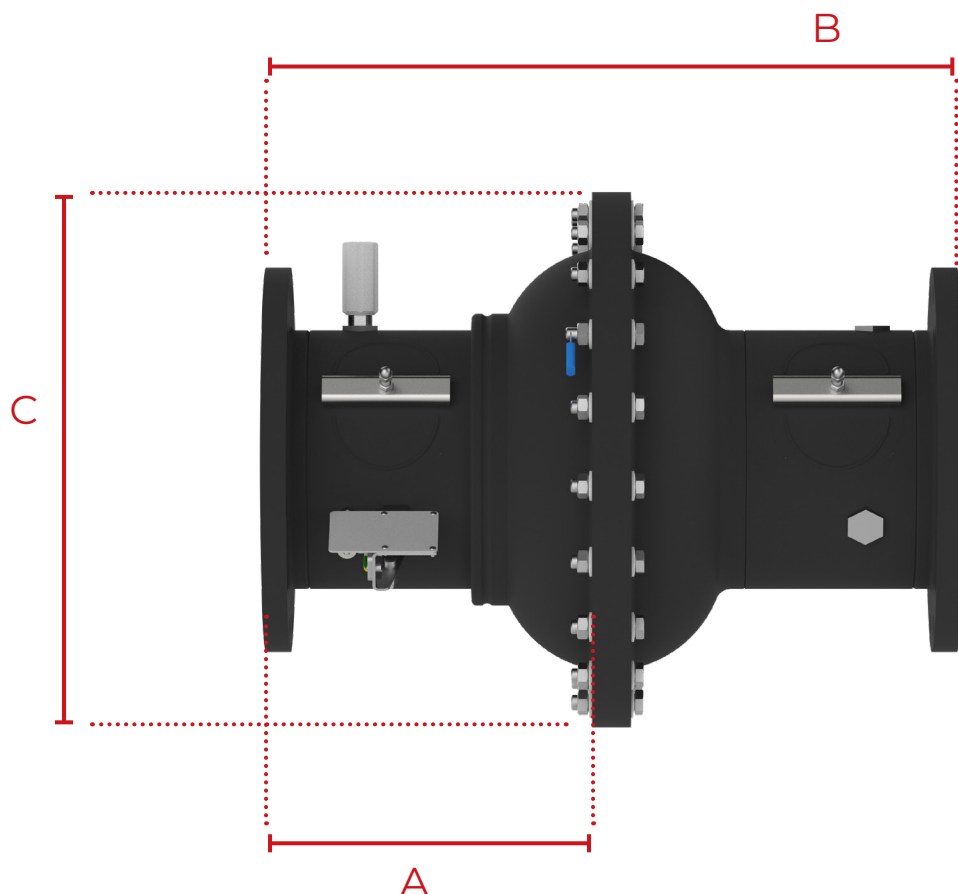
The float valve has a floating disc in the middle of the valve that closes when the pressure wave of the explosion slams and locks the valve shut, effectively preventing the dust deflagration from propagating to interconnected equipment or areas. This valve is suitable for applications with light dust loading or for clean-air exhaust isolation in dust collectors, cyclones, mills, pneumatic conveying receivers, and dryers.

The float valve can have all stainless steel contact surfaces for use in sanitary dairy or pharmaceutical processes. It includes a sensor that indicates if the float is open or closed, but is otherwise able to standalone without external electrical or controls.



FEATURE

- Continuously protects pipelines connected to processing equipment, even processes involving metal dusts, combustible gases, or hybrid mixtures
- Meets North American and European regulatory standards:
 - » NFPA 69 Standard on Explosion Prevention Systems compliant
 - » EN 15089 certified
- Suitable for high-Kst applications
- Rated for explosion containment rather than relief; flame and pressure are contained to the protected vessel
- Passive protection without an external energy supply, explosion sensors, or controller
- Available in a single- or double-acting valve to suit single direction or bidirectional protection depending on installation needs
- Suitable for either horizontal or vertical installations
- Resettable on field for easy rearming without outside support
- Includes an access door for valve cleaning, maintenance, and inspection
- Available in clean-in-place, high-temperature, and high-pressure versions
- Fits line sizes from 4 to 24 inches in diameter



VENTEX

**WEIGHT &
DIMENSION**

Size	A Inch (mm)	B Inch (mm)	C Inch (mm)	D Inch (mm)	Weight Lbs (kg)
6"x24" (150x600)	8.9" (225)	26.6" (675)	10.4" (265)	18.3" (465)	53 lbs (24)
8"x22" (200x540)	12.0" (305)	24.6" (625)	13.2" (335)	20.9" (530)	62 lbs (28)
12"x24" (310x630)	15.4" (390)	28.0" (710)	16.5" (420)	24.4" (620)	77 lbs (35)

Selecting a Float Valve with Confidence

Float valve selection to meet regulations and protect equipment, property, and personnel can require expertise and a deep knowledge of safety.

Not only does CV Technology have the dependable and reliable engineering solutions you need, but we can advise you on a safety plan that works for your process and your specific regulatory requirements, saving time and money while keeping your people safe. Call CV Technology today and find out how we can help you with selecting the best safety solutions for your plant!



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