

ZEIV

EXPLOSION ISOLATION VALVE



IMPERIAL
SYSTEMS



IMPERIAL SYSTEMS INC.

EXPLOSION ISOLATION VALVE'S

SATISFY CURRENT NFPA

REQUIREMENTS!

- ATEX Certified
- Locking Mechanism
- Inspection/Access Door
- Heavy Duty Welded Steel Construction
- Flanged Inlet and Outlet with Co-Flanges
- Grounding Lug

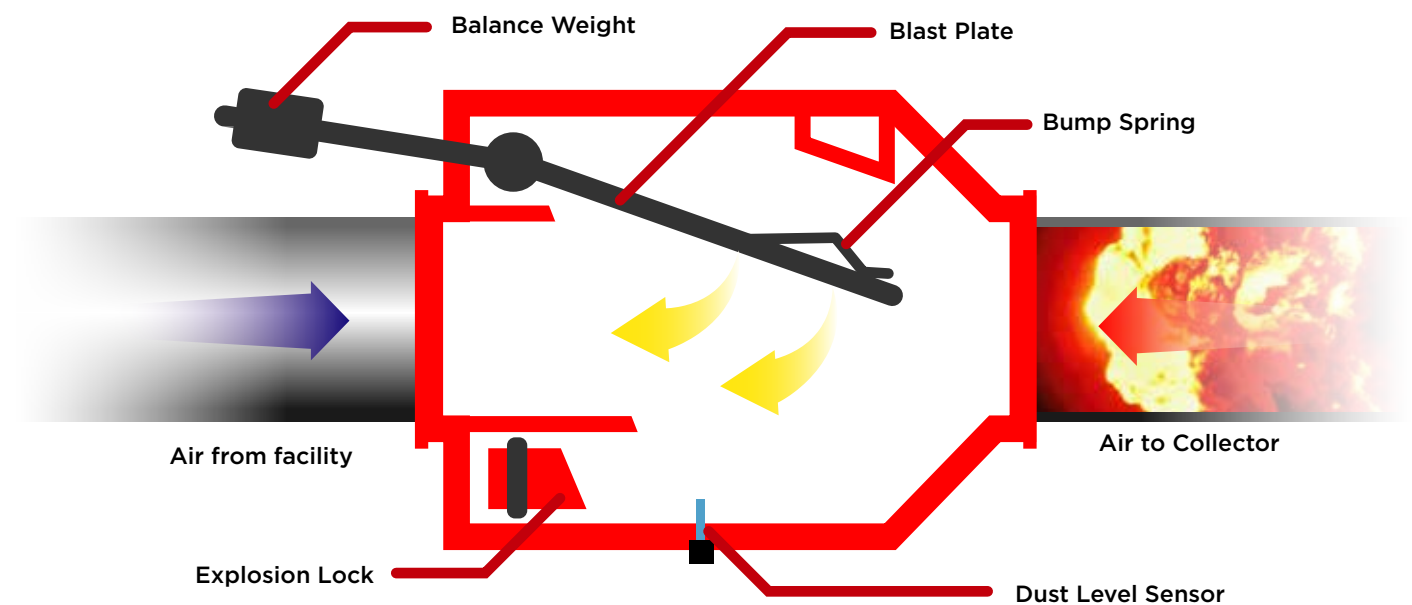
The Installation of an Explosion Isolation Device on all suction side ducts that transport material with a Kst value above zero is a NFPA Requirement.

Installing a EIV will protect workers and facilities from the damaging effect of a dust collector explosion.

EIV's are an integral component that is recommended for use with Fire Suppression Systems.



HOW IT WORKS



During normal function, the air flow from the facility to the dust collector pushes the blast plate open. This keeps the air flow continuous and unimpeded. If an explosion was to occur in the dust collector, the blast from the explosion will force the Blast Plate down, sealing it and locking it closed.

Sizes 7"- 28"
ST3 Applications

Sizes 32"- 40"
ST2 Applications

The EIV is 100% NFPA 69-2014 compliant with the following optional features:



Micro-switch
for system
shut down



Dust Level
Sensor



Control Panel
for sensor
power



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