

FLAMELESS EXPLOSION VENTING TYPE ELEQUENCH

DESCRIPTION

Fike has developed an elevator flameless venting device, EleQuench. The purpose of this device is to allow conventional venting to be done indoors and outdoors with no release of flame or product. Through extensive testing and product improvement, Fike has succeeded in developing a special FlamQuench device which can be bolted directly onto the Fike EleGuard type explosion vent.

FEATURES AND BENEFITS

- Flame arrester technology combined with rectangular explosion vent panels type EleGuard
- Conventional venting indoors and outdoors without flame and retaining the dust
- Precludes the need for venting ducts
- Virtually maintenance free
- Easy installation
- Approvals: ATEX, CE and EAC
- Optional dust cover prevents dust ingress into stainless steel mesh




APPROVALS:

- CE
- ATEX
- EAC

Type	EleQuench
Materials of Construction	Top flamefilter: Stainless Steel Body: Painted Carbon Steel
Compatible Explosion Vents	EleGuard
Operating Conditions	Not exposed to process conditions
Application Limits	Agricultural dusts with flame temperatures up to 1500°C and K _{st} up to 150 bar m/s P _{red} up to 1bar
Safety Distance	Equal to the equivalent diameter of the vent area of the device Local regulations may prevail
Approvals	ATEX and CE

OPTIONS

Option	 Dust cover
Materials of construction	Alpha Maritex double-sided silicone-coated glass fibre cloth
Max temperature	150°C

DIMENSIONS

EleQuench	Dimensions	Approx. weight	In combination with EleGuard		Bolt specifications (bolts/nuts/washers not included)		
			Fike part #	L x W x H	Kg	Fike dwg #	Nominal size
34604900	576 x 306 x 361	19	345048	170 x 470	6	50	M10
34607900	846 x 356 x 443	33	345078	220 x 740	8	50	M10
34600900	564 x 404 x 516	27	345008	270 x 458	6	50	M10
34605900	606 x 434 x 567	33	345058	300 x 500	6	50	M10
34603900	756 x 484 x 630	46	345038	350 x 650	6	50	M10