

### 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 and CE

#### Specifications

<b>Type</b>	<b>EleQuench</b>
<b>Materials of construction</b>	Top flamefilter: Stainless steel Body: Painted carbon steel
<b>Companion explosion vents</b>	EleGuard
<b>Operating conditions</b>	Not exposed to process conditions
<b>Application limits</b>	Agricultural dusts with flame temperatures up to 1500°C and $K_{st}$ up to 150 bar m/s $P_{red}$ up to 1 bar
<b>Safety distance</b>	Equal to the equivalent diameter of the vent area of the device. Local regulations may prevail.
<b>Approvals</b>	ATEX and CE

#### Dimensions

EleQuench	Dimensions	Approx. weight	In combination with EleGuard		Bolt specifications (bolts/nuts/washers not included)		
			Fike dwg #	Nominal size	Qty	Length (mm)	Size
Fike part #	L x W x H	kg					
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