End-of-line Breather Valve with Integrated Flame Arrester

End-of-line Breather Valve with Integrated Flame Arrester is one of Wanan high performance breather valve series,its excellent performance exceeds standard valves on the market:

● Compact design,reduce space occupation and self-weight,higher sealing performance,large ventilation,small leakage.

● Optional fire resistance function.The combination of fire resistance and breath function provides overpressure and vacuum protection while preventing flame propagation.



Features

●Good corrsion resistance,chemical resistance,resistance to adhesion of liquid and vapor,resistance to extreme temperature

● Fully open at 10% overpressure

●The leakage is much smaller than API2000 standard and ensures a higher setting accuracy(±3%)

●The valve trim assembly can be replaced on site

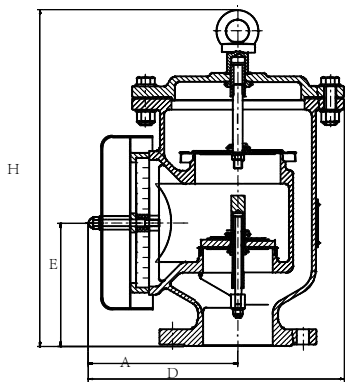
● Support ANSI、HG/T flanges

Setting Range

Model	Size	Pressure	Vacuum	Gas Group (IEC/NEC)	Temperature
ZHXFE	2”(DN40)~12"(DN300)	0.2~5KPa (2~50mbar)	0.2~100KPa (2~1000mbar)	ⅡA Ⅱ B3 Ⅱ C	-45~260℃

Material

Body	Seat/Pallet	Trim Sealing	Fastener	Counterweight	Sealing Gasket
Aluminum Stainless Steel Carbon Steel	Stainless Steel Aluminum	FEP Teflon Buna-N	Alvanized Carbon Steel Stainless Steel	Galvanized carbon steel Stainless steel Aluminum Resin coated stainless steel	Buna-N Teflon Viton



Key Parameter List/

Model	Inlet Connection In(mm)	H Height mm	D Length mm	A Eccentricity mm	E Inlet Height mm
ZHXFE	2(50)	356	265	155	126
	3(80)	381	317	182	150
	4(100)	491	373	218	180
	6(150)	522	465	270	224
	8(200)	622	595	372	264
	10(250)	732	705	420	300
	10(250)	666	680	434	265
	12(300)	808	803	503	358

**Unit weight, indicating the net weight (in kilograms) of the valve at the standard set pressure (2mba pressure -2mbar vacuum), excluding the weight of the transport box. The total shipping weight needs to be increased by 20% (domestic only). Parameter content is for reference only, more requirements please contact us.*