



SAFETY SMART - EcoMAXX™ NO RETURN EXPLOSION ISOLATION VALVES SATISFY CURRENT NFPA REQUIREMENTS!

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 **SAFETY SMART** EcoMAXX™ No Return Valve (EM-NRV) will protect workers and facilities from the damaging effect of a baghouse or filter explosion.

EcoMAXX™ No Return Valves are an integral component that is recommended for use with EcoBoss™ Energy Management Systems, EcoMAXX™ Fire Break Shutters, and EcoMAXX™ Fire Suppression Systems.

Standard Features

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

The EM-NRV is 100% NFPA 69 compliant with the following optional features:

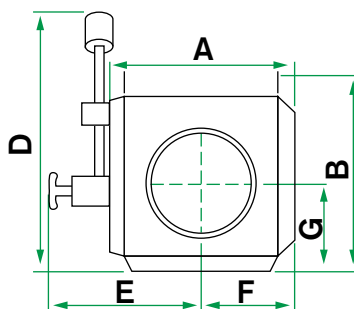
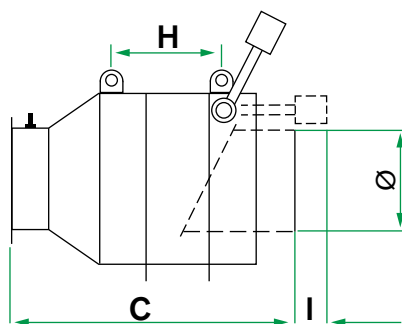
- **O-EM-NRV-MS –**
Micro-switch for system shut down.
- **O-EM-NRV-DLS –**
Dust Level Sensor
- **O-EM-NRV-CP02 –**
Control panel with status lights for sensor power and integration with existing, new or EcoBOSS™ Control Panel.



EcoMAXX™ No Return Explosion Isolation Valve installed with EcoMAXX™ Firebreak Shutter.

certified: ATEX EN15089 & EN16447  

NO RETURN VALVE (NRV) DIMENSIONS (sizes 7" - 28")

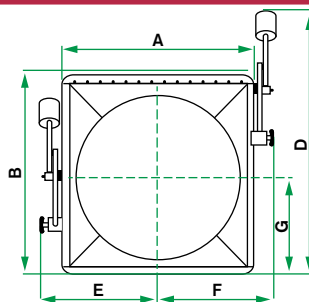
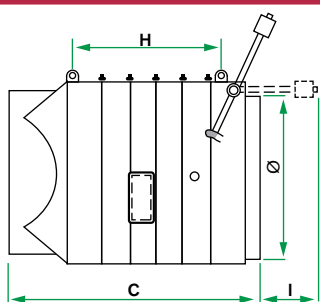


RATED FOR:

Class ST 3 Applications
Kst max 400 bar m/s
P_{red} 0.50 bar

Ø	A	B	C	D	E	F	G	H	I	LBS
7"	14.1	13.3	21.6	13.3	11.8	7	6.6	–	–	45
8"	14.1	13.3	21.6	13.3	11.8	7	6.6	–	–	45
10"	16.1	15.3	23.6	15.3	12.7	8	7.6	–	–	56
12"	18.1	17.3	26.3	23.6	13.7	9	8.6	–	4.5	84
14"	20	19.2	28.3	25.5	14.7	10	9.6	–	4.5	100
16"	22	23.2	30.3	29.5	15.7	11	10.6	13.7	6.4	120
18"	24	25.1	32.2	33.2	16.7	12	11.6	15.7	8.4	150
20"	25.9	27.1	34.2	38.7	17.7	12.9	12.5	18.1	12.4	177
22"	27.9	29.1	36.2	37.4	18.7	13.9	13.5	19.6	8.4	221
24"	29.9	31.1	38.1	41.1	19.6	14.9	14.5	21.6	10.4	254
26"	31.8	33	40.1	45	20.6	15.9	15.5	23.8	12.4	276
28"	33.8	35	42.1	47	21.6	16.9	16.5	25.5	12.4	298

NO RETURN VALVE (NRV) DIMENSIONS (sizes 32" - 40")



RATED FOR:

Class ST 2 Applications
Kst max 299 bar m/s
P_{red} 0.25 bar

Ø	A	B	C	D	E	F	G	H	I	LBS
32"	38.5	40.1	52.3	56.4	25.9	25.9	18.8	28.1	14.1	728
36"	42.5	44.5	56.2	60.4	27.9	27.9	20.8	27.9	14.1	860
40"	46.4	48	60.2	64.3	29.9	29.9	22.8	35.8	14.1	999

44" & 48" are available! Contact Boss Products for more details.