

DB Series – Industrial Spark Trap



The factory required a simple and cost-effective method of reducing sparks from buffing, grinding, drilling, welding, and cutting works to protect the fire from the existing dust collectors. Many dust collectors have caught on fire over the years due to the absence method to stop the sparks. Many times, protection was left off due to cost or lack of attention. DB series stop sparks that cause a fire of dust collector. AMANO's unique method keeps an extremely low chance to enter spark to the dust collector. There are no moving parts or consumable parts, and It keeps on the fire extinguishing effect.

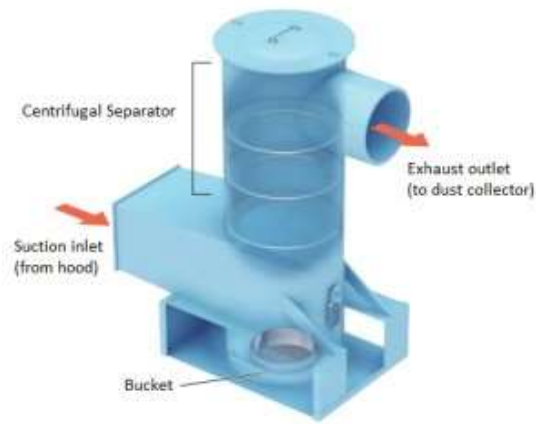
Extinguish the fire centrifugal separator

- Prevent fire from dust collector
- Reduce entering fire inside dust collector.
- Prevents sparks that may cause fire accident.

Sample Installation

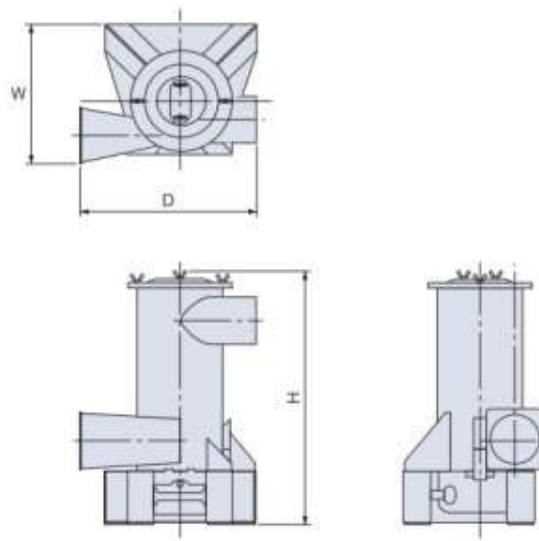


Internal Structure



External View

Unit:mm



SPECIFICATION

Particular	Unit	DB-10	DB-20	DB-30	DB-40
Applicable Airflow	m ³ /min	10	20	30	40
Minimum Airflow	m ³ /min	3.5	7.0	11.0	15.0
Pressure loss	Pa	490@7.5m ³ /min	490@15m ³ /min	539@22.5m ³ /min	588@30m ³ /min
Inlet Port Ø	mm	127	150	200	250
Outlet Port Ø	mm	123	148	198	248
Dimension(W x D x H)	mm	465 x 309 x 643	550 x 406 x 934	700 x 497 x 1149	850 x 590 x 1368
Weight	kg	25 approx.	45 approx.	60 approx.	80 approx.
Applicable Models		VNA-15/PiF-15	VNA-30/PiF-30	VNA-45/PiF-45	VNA-60/PiF-60