

SA Spark Arrestor

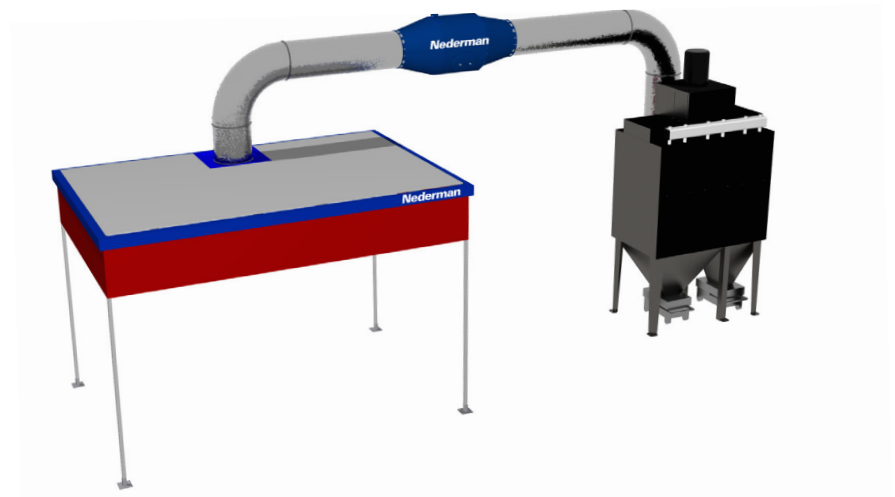
In-line, duct spark suppression

Safer approach to fume extraction

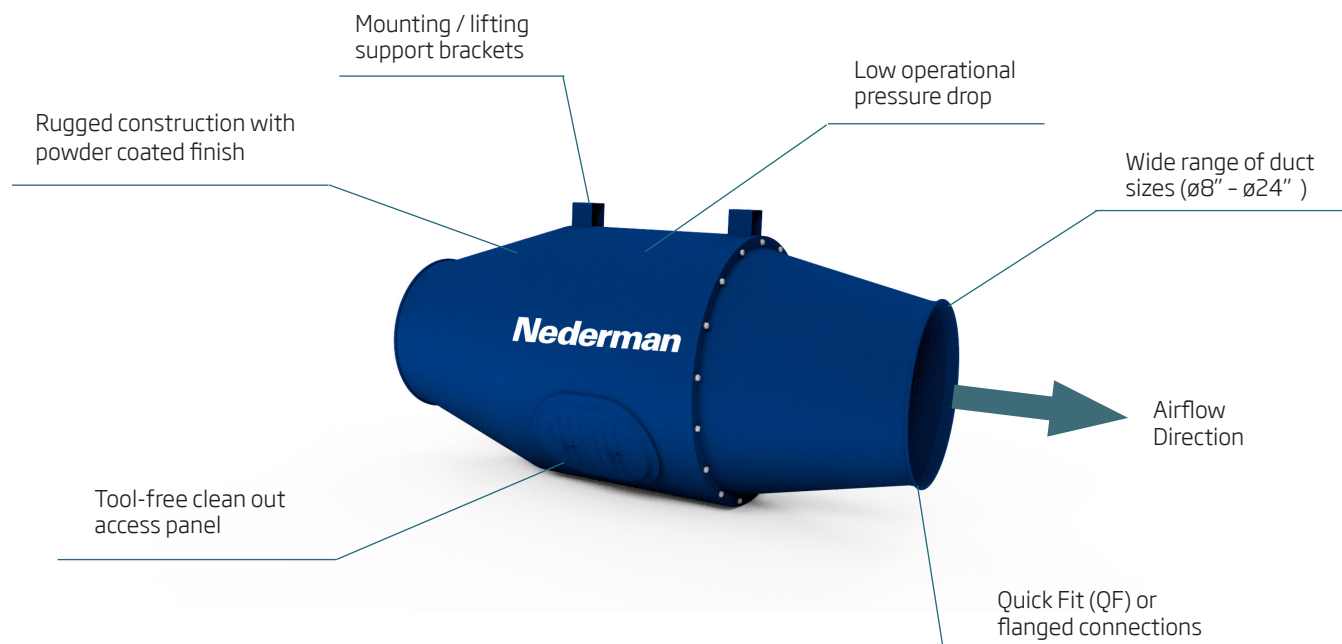
Uncontrolled sparks are a leading cause of fires in fume extraction systems, so it is important to mitigate this risk through effective spark management. The Nederman SA spark arrestor is placed within the duct between the fume source and the dust collector extinguishing entrained sparks reducing the risk of fire.

The SA spark arrestor helps fabricators optimize their fume extraction system:

- **Effective.** Industry-leading spark extinguishing across full range of air velocities.
- **Energy efficient.** Low pressure drop means lower force to move the air reducing fan power consumption.
- **Convenient.** Designed to connect directly to Quick Fit (QF) or flanged duct making it easy to install.
- **Durable construction.** Heavy gauge welded construction with a powder coated finish.



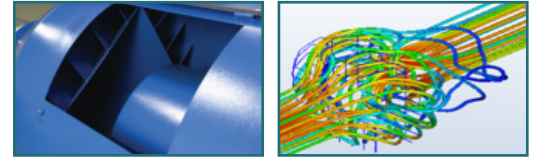
Designed and constructed to keep fume extraction systems safe and efficient



SA Spark Arrestor

How does it work?

Centrifugal forces drive sparks and embers towards the outer device wall, stripping off the thermal envelope that surrounds sparks causing them to rapidly cool and extinguish.



Configuring the Spark Arrestor for your application

Based on the duct diameter and airflow, you can select the model SA that best fits your fume extraction application. Nederman's solution sales team can assist you with this selection and the complete design of your fume extraction system.

Model Number*	Sizes						Weights				Airflow Range		
	Duct		Max. Diameter		Length (QF)		Length (FL)		Product Weight (QF)				Product Weight (FL)
	in	in	mm	in	mm	in	mm	lbs	kg	lbs	kg	CFM	m³/hr
SA - 08-XX	8	14	356	33	830	30	771	81	178	85	187	960 - 1,466	1,622 - 2,478
SA - 10-XX	10	16	406	39	983	36	917	108	238	112	246	1,500 - 2,291	2,535 - 3,872
SA - 12-XX	12	20	508	45	1,135	42	1,069	153	337	158	348	2,160 - 3,299	3,650 - 5,575
SA - 14-XX	14	22	559	51	1,288	48	1,222	191	420	198	436	2,940 - 4,490	4,969 - 7,588
SA - 16-XX	16	26	660	57	1,440	54	1,374	252	554	266	585	3,840 - 5,864	6,490 - 9,910
SA - 18-XX	18	28	711	63	1,592	60	1,527	299	658	315	693	4,860 - 7,422	8,213 - 12,543
SA - 20-XX	20	32	813	69	1,745	66	1,679	368	810	386	849	5,999 - 9,163	10,138 - 15,485
SA - 22-XX	22	34	864	75	1,897	72	1,831	429	944	449	988	7,259 - 11,087	12,268 - 18,732
SA - 24-XX	24	38	965	81	2,056	78	1,990	514	1131	538	1184	8,639 - 13,194	14,600 - 22,298

* Quick Fit version is "QF" and Flanged version is "FL"

