

Nordfab In-line Spark Trap



Complementary Fire Prevention for your Dust Collection System

Simple, Economical Fire Protection

Installed in ducting as part of a dust collection system, the Nordfab In-line Spark Trap greatly reduces the possibility of fire in cyclones / collectors by decreasing the number of sparks which could reach the cyclone or collector through the ductwork.

The spark trap's effectiveness is based on a simple principle — disrupting the laminar airflow to cause sparks to cool and extinguish before they can enter a cyclone / collector. There are no moving parts and no power is required for operation.

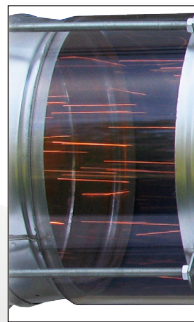
Quick, Easy Installation and Cleanout

Quick-Fit clamp-together ducting eliminates rivets, screws, and welding, significantly reducing the time required to install or replace ducting. The Nordfab In-line Spark Trap can quickly and easily be mounted into Quick-Fit ducting systems, or other duct systems with use of a Nordfab adapter, and the trap can easily be removed for cleanout. Calibration or other assistance from a factory technician is not required.

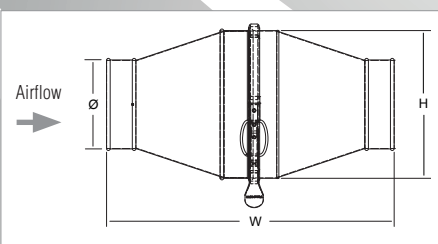
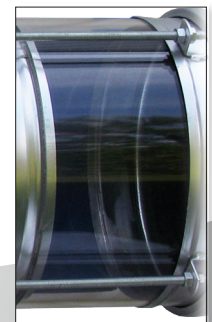


↑ sparks visible in airstream entering trap (closeup below)

↑ airstream exiting trap (closeup below)



↑ Nordfab In-line Spark Trap (shown with viewing spools on either side)



Must be mounted in a horizontal position.

NOTE: The Nordfab In-line Spark Trap is not a replacement for spark detection or explosion isolation systems. Complementary device only.

Dimension mm	Part no. Galvanised Steel / SS	Pressure loss in Pa at 15 m / s.	Height mm	Width mm	Weight kg
Ø 100	55010100 / 55020100	212	180	466	2.8
Ø 125	55010125 / 55020125	212	224	504	3.2
Ø 160	55010160 / 55020160	224	280	546	3.7
Ø 200	55010200 / 55020200	274	350	606	5.0
Ø 250	55010250 / 55020250	299	400	606	5.9
Ø 315	55010315 / 55020315	336	500	676	6.8
Ø 400	55010400 / 55020400	361	630	766	7.3
Ø 450	55010450 / 55020450	299	710	826	15
Ø 500	55010500 / 55020500	311	810	926	21
Ø 560	55010560 / 55020560	300	920	1026	26
Ø 630	55010630 / 55020630	315	1020	1086	33
Ø 710	55010710 / 55020710	320	1150	1186	39

Duct distance recommended: At least ten diameters from cyclone / collector
Velocity: 7.62m/sec - 25.4m/sec

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The world's fastest ducting™