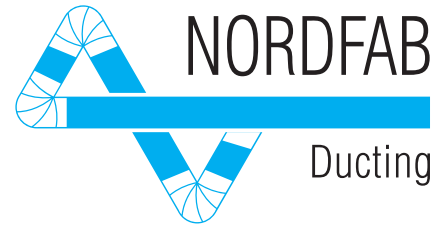


Nordfab In-line Spark Trap



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. Pressure loss is minimal.*

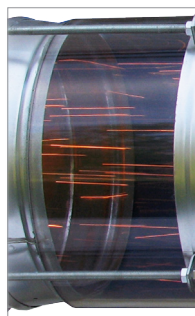
Quick, Easy Installation and Cleanout

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 via flanged ends or 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.

*The unit does not create a secondary dust collection point.



↑ sparks visible in airstream entering trap (closeup below)



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

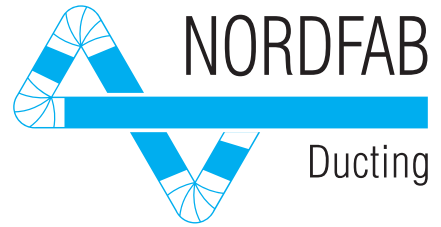
↑ airstream exiting trap (closeup below)



The Nordfab In-line Spark Trap is available with Quick-Fit ends or flanged ends.

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

Nordfab In-line Spark Trap



QF ends allow quick and easy mounting into Quick-Fit ducting systems.

Ø in.	QF ends Part no.	Height in.	Width in.	Weight lb.	Galv. Price \$	SS Price \$
4	3255-0400-X00000	7	18	6	335.50	1156.70
5	3255-0500-X00000	9	20	7	394.00	1283.00
6	3255-0600-X00000	10	20	8	482.50	1474.20
7	3255-0700-X00000	12	22	11	566.50	1655.60
8	3255-0800-X00000	13	22	13	643.00	1820.90
9	3255-0900-X00000	15	24	15	680.50	1901.90
10	3255-1000-X00000	16	24	16	727.00	2002.30
12	3255-1200-X00000	18	26	21	776.50	2109.20
14	3255-1400-X00000	22	28	26	948.30	2480.20



Flanged ends will be Nordfab's Angle Flanges unless a custom hole pattern or a flange with no holes are specified.

Ø in.	Flanged ends Part no.	Height in.	Width in.	Weight lb.	Galv. \$	SS Price \$
4	3255-0400-X000AF	7	18	8	352.70	1235.70
5	3255-0500-X000AF	9	20	9	412.80	1367.00
6	3255-0600-X000AF	10	20	10	506.10	1562.40
7	3255-0700-X000AF	12	22	13.5	591.70	1750.20
8	3255-0800-X000AF	13	22	15.5	674.20	1918.50
9	3255-0900-X000AF	15	24	17.5	715.30	1999.70
10	3255-1000-X000AF	16	24	18.5	768.40	2102.70
12	3255-1200-X000AF	18	26	24	830.70	2214.60
14	3255-1400-X000AF	22	28	29	1015.50	2591.20

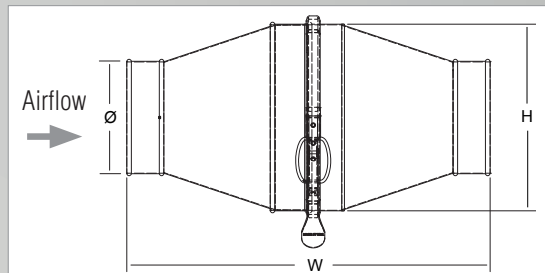
X in part number: Galvanized Steel = 1 and Stainless Steel = 2

Duct distance recommended:

At least ten diameters from cyclone / collector

Velocity:

1500 - 5000 fpm
(7.62m/sec - 25.4m/sec)



Nordfab's In-line Spark Trap must be mounted in a horizontal position.

The Nordfab In-line Spark Trap is a simple, low-cost tool that can reduce incidents of fire events, reducing costs and disruption and improving safety. System redundancy and complementary measures should be applied.