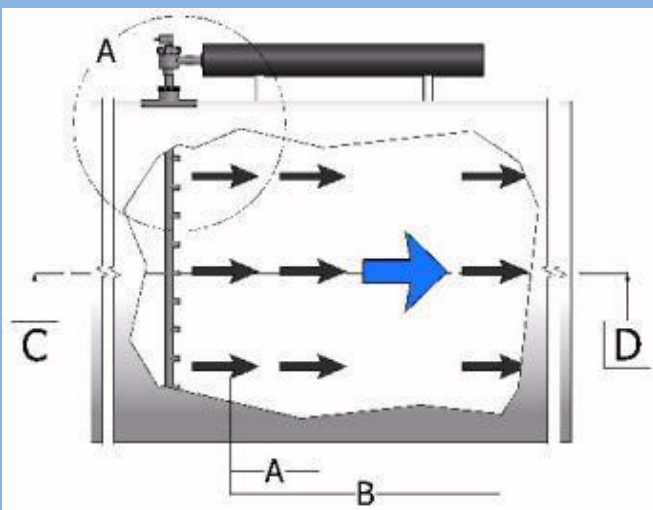


# SPARK SUPPRESSOR



Internal view of the QUENCHER cell



Cell Cleaner / Booster



The Spark Suppressor is a static device designed to significantly reduce the life and frequency of sparks reaching the filter media in industrial exhaust and pneumatic conveying systems.

- The Spark Suppressor conditions the process gas stream without relying on injection of water, chemicals, or retardants.
- The Spark Suppressor has no moving parts or electrical controls and has steel construction with black exterior powder coat.

## Why Use This Product

- Simple and effective.
- No messy water clean-up and no replacement of wetted filter media.
- Works great in water-reactive and water-incompatible applications.
- Good for light or heavy shower of sparks.
- Reduces water spray and deluge in existing water-based extinguishing systems.
- No sensors or nozzles, so no fouling/contamination.
- Insensitive to false electrical stimuli, surges and transients.
- Insensitive to humidity, temperature and illumination.
- Insensitive to emission spectra of sparks.
- No more spurious alarms.
- Good for virtually all applications.
- Reduces persistence of sparks.
- Reliable and predictable.
- Suppressor has a Low pressure drop.

## Excellent Choice for

- Grinding applications
- Sanding
- Welding
- Spark Producing operations
- Cutting
- Laser and Plasma applications

## Selection Procedure

Selecting a **SPARK SUPPRESSOR** is a three step procedure. The first step is to identify the base model number. The second step is to verify the airflow. The final step is to complete the model number.

### Step 1: Identify Base Model Number

The model number of the **SPARK SUPPRESSOR** corresponds directly to the connecting duct size. Therefore, if the duct size is 22", the corresponding base model number is Q030.

### Step 2: Verify the Airflow

Using the sizing chart below, verify that the CFM of your system closely correlates to the CFM listed for the **SPARK SUPPRESSOR** selected. If there is significant variation between the CFM listed in the chart below and the actual system CFM, consult us.

### Step 3: Complete Model Number

Use the model number detail graphic below to complete the product model number needed for the specific application (i.e., shape of duct, material of fabrication and mounting method).

## Models Available

MODEL	TYPICAL DUCT DIAMETER, (inches)	OPERATING RANGE, (SCFM)
Q008	6	490-820
Q010	8	790-1310
Q012	10	1100-1840
Q016	12	1800-3000
Q020	14	2980-4960

MODEL	TYPICAL DUCT DIAMETER, (inches)	OPERATING RANGE, (SCFM)
Q024	16	4420-7360
Q030	22	7070-11,800
Q038	28	11,300-18,800
Q048	36	18,300-30,600
Q060	44	28,900-48,200
Q072	54	41,600-69,300
Q084	64	56,500-94,200
Q096	72	74,200-123,700
Q108	80	94,200-157,100

Designed and built for all duct sizes and airflow (CFM) requirements.

High temperature units up to 2000 degF.

Stainless steel, corrosion and abrasion resistant options are available.

Sleeve/slip and rolled edge (for clamp together duct).