

RED CYCLONE

SPARK-TRAP PROTECTION SYSTEM



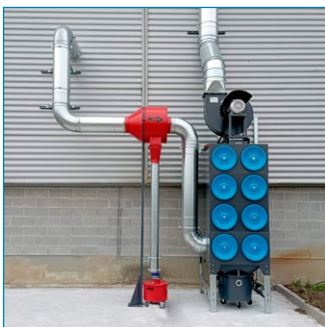
USE

- Welding, grinding and other metalworking
- Suction systems with fabric filters (pockets, sleeves, cartridge), for applications where sparks develop

TECHNICAL DATA

MODEL	Ø mm	FLOW RATE (MIN - MAX) m ³ /h
RED/CY2	200	1500 - 2500
RED/CY3	300	3500 - 5000
RED/CY35	350	4500 - 7000
RED/CY4	400	6000 - 9000
RED/CY5	500	10000 - 14000
RED/CY6	600	14000 - 20000
RED/CY7	700	19000 - 28000

REALIZZAZIONI



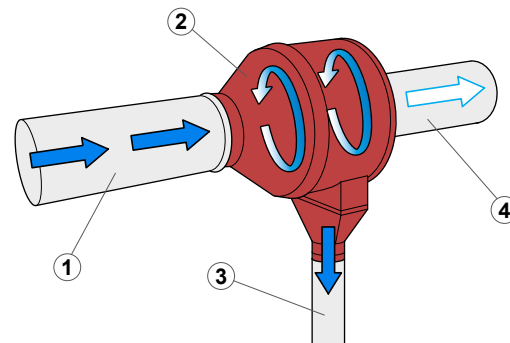
FEATURES

- Simple system, able to greatly reduce the possibility of fire in fabric filters by reducing the number of sparks that can reach it
- It has no moving parts
- Low costs compared to alternative systems
- No power required for operation
- Minimum pressure loss
- Construction in carbon steel sheet

RESTRICTIONS

- Red Cyclone is a complementary system and is not a primary safety device. Does not replace spark detection devices or explosion-proof insulation systems

OPERATING



1. Intake air flow with sparks
2. Centrifugal system to reduce sparks
3. Dust residue of sparks, towards removable bin, away from filter
4. Outflow