



DIVERSI-TECH inc.

Fred SR C1

www.fredfiltration.com

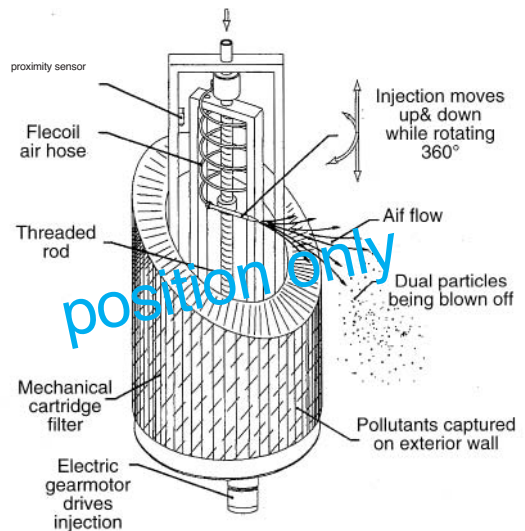


DUST COLLECTOR FEATURING INJECTION SELF-CLEANING SYSTEM

Diversi-Tech's FRED™ dust collectors are designed for installation in industrial applications for the removal of smoke, dust and other airborne contaminants. The FRED™ SR C1 will remove particulate as small as 0.5 micron with it's standard filters and acts as a heat recovery device to drastically reduce heating costs by cleaning and recycling plant air. The FRED™ SR C1 self-cleaning unit requires virtually no maintenance. This stationary dust collector can be ducted to multiple pick-up locations.

INJECTION CLEANING SYSTEM

U.S. Patent 5322353



APPLICATIONS:

- Buffing and polishing dusts
- Metalworking dust and smoke
- Grinding composites and plastics
- Handling of dry powders
- Packaging, blending or weighing
- Wood sawing, sanding or finishing

- F**iltration
- R**eusable Filters
- E**nergy Savings
- D**ramatically Reduced Pollution

HOW THE FRED™ SR C1 SELF-CLEANING SYSTEM WORKS

The FRED™ SR C1 self-cleaning dust collection system eliminates the need for costly maintenance and frequent filter changes. Compressed air is blown through the filter in the reverse direction thus dislodging smoke and dust from the filter. The solid pollutants are then collected in a dust drawer or a hopper and emptied periodically.

The patented ICS (injection cleaning system) releases shop air through a rotating jet that is driven up and down by a screw inside the filter cartridge. The cleaning system is automatically activated each time the unit is turned off.

	SR C1-1.5	SR C1-3
C.F.M.	1000 C.F.M.	1200 C.F.M.
Inlet Velocity	2600 – 4700 F.P.M.	2600 – 4600 F.P.M.
Motor	1.5 H.P. 120/220/1/60	3 H.P. 208/230/460/575/3/60
Fan Type	Backward inclined	Backward inclined
Main Filter	280 sq. ft. cartridge / 99.5% @0.5 micron	280 sq. ft. cartridge / 99.5% @0.5 micron
Construction	14 ga. welded steel cabinet	14 ga. welded steel cabinet
Dimensions (WxLxH)	28" x 28" x 66"	28" x 28" x 66"
Weight	340 lbs.	340 lbs.
Noise Level	72 dB at 5 ft.	76 dB at 5 ft.
Gas Absorber	Carbon impregnated polyester substrate (standard)	Carbon impregnated polyester substrate (standard)

AVAILABLE OPTIONS:

- 1 • Dust Hopper, Drum & Floor Stand
- 2 • Reverse Pulse Self-cleaning
- 3 • Minihelic Gauge
- 4 • 4" deep Carbon Module
- 5 • 99.97% @ 0.3 micron HEPA Filter

MAUFACTURED BY



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