

Donaldson Torit (DCE) DFPRO-4-SPRK-R Extractor



Stock No	EF2309
Manufacturer	Donaldson Torit (DCE)
Model	DFPRO 4-SPRK-R
Year of Manufacture	2007
Serial	58100161
Condition	From a working environment, Good Condition
Approx Duty CFM / M ³ /Hr	2500 / 4250
Filter Area ft ² / m ²	760 // 74
Other Info	ATEX Rated Explosion Relief Panel / Door
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	950
External Dimensions (WxDxH mm)	1600 x 1400 x 2100mm

Description

The Donaldson Torit® DCE® DFPRO SPK collectors are dust and fume collection systems specifically engineered for various applications including plasma, autogenous and laser cutting, dust laden air streams with the potential to carry sparks and hot dusts.

Donaldson is a leading worldwide provider of filtration systems that, enhance equipment performance and protect the environment.



The reverse pulse system of the DFPRO maintains optimum filter efficiency by automatically backwashing the filter elements with a 90 psi high-pressure jet of compressed air removing the contaminants and depositing them quickly into the waste collection bucket.

The high-performance Downflo family of dust collectors provides up to 25% more filtration capacity than other same-sized cartridge collectors. Powered by proprietary Ultra-Web® Nanofibre filtration technology, DFPRO delivers cleaner air, up to two times longer filter life, and greater cost savings.

Donaldson DFPRO SPK cartridge collectors enlist the latest developments in oval-shaped filters with the advanced Ultra-Web® filter media to provide a sophisticated and efficient solution for filtering a wide range of nuisance dusts.

The Ultra-Web® cartridge filters capture submicron particles with nano-fibre technology and pre-HEPA MERV 13 efficiency. Longer Filter Life that lasts up to 2 times longer than cellulose or blended media, depending on the application. Greater Cost Savings Provides the best value and long-term savings.

DFPRO-R Offers:

- Lower initial cost per cubic foot of air per minute (cfm).
- Capacity rating ranging from 2500cfm / 4250M³/h.
- Cartridge filter area 17.65 M² (190 ft²) each offering a full 74 M²(760 ft²).
- Higher efficiency—cleaner air.
- Reinforced frame with roof-mounted explosion relief panel for use with ATEX-rated dusts.
- Integral 3.0kW // 4Hp fan unit.
- Secondary silencer box for reduced noise operation.
- Lower pressure drop—greater energy savings.
- Fewer filter changeouts.
- Reduced filter disposal cost.
- Easy system setup.
- Less maintenance.

Easy To Use

Quick-release handles provide easy cover removal and faster filter access.

Compact Design

Small footprint for applications that require maximum cleaning efficiency in even smaller spaces.

Powerful

The proprietary ExtraLife Filter Cleaning System averages up to 30% increase in pulse cleaning energy for unmatched cleaning ability.

Electrical Requirements

- 415V 3ph 6 FLC Amp 3kW DOL fan
- 400 VAC Control 1.5 Amp 24 volt AC pulse control voltage





Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.