

Donaldson Torit (DCE) DFPRO6 SPRK-R Dust Extractor



Stock No	EF2300
Manufacturer	Donaldson Torit (DCE)
Model	DFPRO6 SPRK-R
Condition	From a working environment, Good Condition, Current Model
Approx Duty CFM / M ³ /Hr	3200 // 5400
Filter Area ft ² / m ²	1140 // 105.9
Other Info	ATEX compliant explosion relief panel
Location	Arriving in our warehouse soon
Weight (kgs)	1150
External Dimensions (WxDxH mm)	1610 x 2100 x 3250mm

Description

DFPRO 6 SPRK-R

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

The Donaldson Torit® DCE® DFPRO SPK-R 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.



The "R" type is reinforced with fitted explosion relief panels to meet ATEX regulations pertaining to explosive dusts. This unit is capable of extracting within the range of 1000 and 3200 cfm dependent on the fan selection, system resistance and dust loading.

The reverse pulse system of the DFPRO maintains optimum filter efficiency by automatically back washing 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 percent 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-R cartridge collectors enlists the latest development in oval-shaped filters with the advanced Ultra-Web® filter media to provide a sophisticated and efficient solutions for filtering a wide range of nuisance dusts.

The Ultra-Web® cartridges Filters captures 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 380 - 3200cfm / 645 - 5400M³/h.
- Cartridge filter area 17.65 M² ((190 ft²) each offering a full 105 M² (1140 ft²).
- Higher efficiency—cleaner air.
- Reinforced frame with roof mounted explosion relief panel for use with ATEX rated dusts.
- Integral 5.5kW // 7.4Hp 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 handle provide easy cover removal and faster filter access.

Compact, Smaller footprints for applications that require maximum cleaning efficiency in even smaller spaces.

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

Electrical requirements

- 415V 3ph 10.1 FLC Amp 5.5kW // 7.4Hp 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.