

Donaldson Torit (DCE) Donaldson C30-3 G8 Reinforced Dust Extractor with ATEX Explosion Relief Panel



Stock No	EE2214
Manufacturer	Donaldson Torit (DCE)
Model	C30-3 G8 Reinforced
Year of Manufacture	2014
Serial	00056601
Condition	From a working environment, Excellent Condition
Approx Duty CFM / M ³ /Hr	1700 // 2880
Filter Area ft ² / m ²	325ft ² // 30M ²
Other Info	Reinforced & ATEX Rated Explosion Panel
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	755
External Dimensions (WxDxH mm)	1500 x 1500 x 2800mm

Description

A second hand DCE C30-3 G8 Reinforced dust extraction unit with an ATEX rated explosion relief panel and reinforced door bars. Featuring a powerful 5.5kW 7.5Hp motor.

The DCE C30-3 G8 is a compact, self contained Unicell filter modules and dust control unit complete with 5.5kW // 7.5Hp fan, self cleaning mechanism, ATEX rated explosion relief panel, easy-access filter assembly, & a 3ft³ waste container

bucket with quick-release sealer gear and bucket balance facility.

Principal of operation

- Dust laden air is pulled into the chamber containing the filter modules, where it impinges on outer surfaces of the filter modules. This layer of dust builds up as the air passes through the filter and is discharged to atmosphere.
- At regular intervals, governed by the controller, each filter module in turn receives a short burst of compressed air from its respective jet tube.
- This causes a brief, powerful reversal of air flow through the filter module, effectively dislodging the dust layer which then falls into the collection hopper at the bottom of the machine.
- This cleaning action means that the dust collector can operate constantly without a need to stopping for cleaning.

Design Features

- Compact design minimises floor space and fits in virtually any plant layout.
- Versatility to suit a variety of dust collection applications.
- Quiet & efficient operation that includes the motors and fan being enclosed in collector housing to minimise noise.
- 3ft³ collection bucket.
- Bucket balance allows plastic collection bags to be used within the collection buckets by equalising the pressure behind the bag and preventing it being sucked upwards.
- Explosion relief panel allows the unit to be safely used with potentially explosive dusts and gases, such as those generated like aluminium and flour dusts in an air enriched environment.
- Silencer box reduces noise levels in the environment.
- Quick release lever allows for easy removal and maintenance of bin.
- Inlet deflector knocks down larger particles into the hopper reducing bag abrasion and increasing filter life.
- Integrated pulse controller for pulse jet cleaning system.
- Heavy-duty filter modules.

Specifications

- Electrical supply - 400v/ 3ph / 50Hz / 5.5kw.
- Dimensions - 1500 x 1500 x 2800mm.
- Weight - 755kg.

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