

Donaldson Torit (DCE) Syvac High Vacuum Dust Extractor



Stock No	EF2289
Manufacturer	Donaldson Torit (DCE)
Model	DCE HV 538
Year of Manufacture	10 / 2024
Serial	18351480
Condition	From a working environment, Excellent Condition
Approx Duty CFM / M ³ /Hr	Upto 1412CFM // 2400M ³ /Hr
Filter Area ft ² / m ²	410 ² ft // 38M ²
Other Info	ST2 Conductive Dust + Explosion Relief
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	2100
External Dimensions (WxDxH mm)	2636 x 1758 x 5990mm

Description

HV538 designed for up to 2,400 M³/Hr and manufactured in 2024. Suitable for ST2 conductive dust with explosion vent panel. Support structure is suitable for a R/V or dual valve offload into a big bag, the frame that attaches the filter unit to the support frame will need some minor modification for the fixing location.

Specification / Requirements.



- Syvac Baghouse Dust Collector.
- The Donaldson Torit® DCE® Syvac central vacuum cleaning system provides central vacuum service throughout a facility.
- N.B. A new controller will be required, please ask for details.
- This unit would use a vacuum pump as its for high vacuum applications, these vary in price dependant on the flow rate and pressure so it would be best to wait for the application and then specify the correct one.

Overview

- The Donaldson Syvac central vacuum cleaning system allows for multiple user operation in a wide variety of applications, offering a benefit to most industries such as the chemical, pharmaceutical, mineral, metal, engineering, rubber, buildings, electronics, textile, transport and food industries.

Features

- Easy operation with no moving of heavy equipment required
- Multiple user operation
- Efficient fabric or cartridge filter medium
- Proven central exhauster
- Smooth flow piping system routed to all areas of the plant
- Quiet operation, since the vacuum source can be located away from occupied areas
- Variety of accessories and optional equipment

Multiple User Operation

- Due to the high velocity design, the system offers a significant advantage in that it allows multiple user operation, with any number of operators working at the same time.

Proven Centrifugal Exhauster

- The system consists of a motor-driven centrifugal exhauster connected to a separator, with smooth flow tubing extending the vacuum source to various locations. This allows all collected materials to be conveyed to one central location for convenient and efficient disposal.

System Accessories Ensuring Flexibility & Performance.

- The Donaldson Torit DCE Syvac system offers the user an effective array of hose and tools that have been specifically designed to handle the toughest requirements yet are easy and practical to use. Smooth flow tubing and fittings provide a cost effective piping system, with a range available that allows system design and installation to be easily accomplished.

https://www.ats-if.bg/wp-content/uploads/pdf_documents/Syvac%20Series%20DCE%20HV500.pdf

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Design Limits

- Temperature range: -10° to +60°C
- Pressure limit: 500 mbar maximum negative operating pressure.

<https://www.donaldson.com/en/products/baghouse-dust-collector/syvac/>

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



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