



---

## *DCE2000*

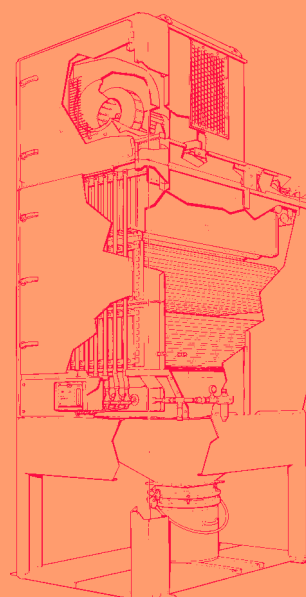
*Advanced dust control  
technology for universal  
applications*

---

*Donaldson Dust Collection Group*

# DCE 2000...

The **DCE2000** is a self-contained dust control unit which combines proven filtration technology with innovative design and ease of use features.



**One** of the most versatile and user-friendly filters on the market today, its innovative design fits in well with modern factory environments.

Its modular construction makes for easy installation and the automatic continuous reverse jet cleaning ensures that processing operations are uninterrupted.

Depending on the requirement, an option for either fabric (F) or sintered polymer Sintamatic (S) filtration media can be specified to handle almost any medium sized process dust problem.

Internal surfaces are smooth to prevent build-up of product, thus minimising infestation or contamination and as one would expect from a Torit DCE product there are many design features ensuring ease of maintenance.

# Advanced dust control...

## Proven performance and reliability



- Continuous reverse jet cleaning ensuring no interruption to the production process.
- DCE "Downflow" air flow principle provides proven performance and reliability.
- Proven RJC controller for problem free reliability.
- Clean side element removal for easy element change-out with minimal dust contact.
- Enclosed controls and cleaning resulting in quiet operation and increased protection from damage for sensitive equipment.
- Low level access to controls for quick and easy maintenance.
- Smooth internal surfaces minimise infestation and contamination.
- Self-contained aesthetically pleasing unit requires minimum floorspace and fits in with modern manufacturing plant design.



### Controllers

- Standard proven RJC and RJC+ controller
- Pneumatically operated PT controller for hazardous areas
- Flameproof version meeting BASEEFA requirements

DCE2000 DCE2000 DCE2000 DCE2000

By applying two proven filtration media to the same unit, Torit DCE is able to offer a versatile, cost-effective and innovative dust control solution.

# ...for universal applications

## Fabric Filter (F)

The DCE 'F' 2000 is the natural choice in any company's manufacturing process, not only elimination nuisance dust but very importantly, having the ability to reclaim product.

Its design is such that it naturally slots into the production process, making it an integral part of the whole operation. Moreover, Torit DCE's unrivalled expertise ensures product reliability second to none. The high efficiency fabric medium RN 487 utilised is designed to handle heavy dust burdens continuously at high filtration velocities.



## Versions

- ⓐ Standard unit
- ⓑ Hopper type unit
- ⓒ Venting type unit
- ⓓ Dust container
- ⓔ Rotary valve discharge

DCE 2000

DCE2000 serving bakery application

## Fabric Filter (F)

The DCE 'F' 2000 is the natural choice in any company's manufacturing process, not only elimination nuisance dust but very importantly, having the ability to reclaim product.

Its design is such that it naturally slots into the production process, making it an integral part of the whole operation. Moreover, Torit DCE's unrivalled expertise ensures product reliability second to none. The high efficiency fabric medium RN 487 utilised is designed to handle heavy dust burdens continuously at high filtration velocities.



# O p t i o n s

- Absolute and secondary filtration
- Anti static media
- Bin balance
- Flameproof version
- High temperature version F series only
- Rear and top explosion relief
- Sealing valve
- Stainless steel version
- Consult Torit DCE for other options



## Typical applications

- Agrofood
- Cement
- Chemical
- Confectionery
- Food processing
- Gypsum
- Paint and dyestuffs
- Pharmaceutical
- Powder materials
- Rubber
- Tobacco
- And many more...



Fabric bag version	Filter area (m <sup>2</sup> )	Number of tiers
DCE F2012	12	2
DCE F2018	18	2
DCE F2024	24	2
DCE F2030	30	2
DCE F2036	36	3
DCE F2045	45	3

Sintered element version	Filter area (m <sup>2</sup> )	Number of tiers
DCE S2021	21	2
DCE S2026	26	2
DCE S2031	31	2
DCE S2040	40	2
DCE S2053	53	2
DCE S2066	66	2
DCE S2080	79	3
DCE S2100	99	3



# Company Profile

*Torit DCE is world-renowned for the quality of its products and application expertise. It also offers the widest choice of dust, fume and oil mist control products, solutions and services available. These are supported worldwide with a dedicated network of wholly owned distributors and authorised agents.*

With 80 years experience, Torit DCE provides the strength to deliver proven solutions to numerous environmental control problems.

Torit DCE designs, manufactures and installs a complete range of collection equipment. These products use a wide variety of media including: cartridge technology, spun-bonded polyester modules, fabric bags and rigid sintered elements. Torit DCE also designs and installs complete systems based on its leading range of products.

## After Market Service

Torit DCE products are supported by a fully inclusive after sales and technical support service package covering:

*Technical support group  
Complete turnkey installations  
Installation  
Commissioning  
COSHH testing & inspection scheme  
Service and maintenance scheme  
Spare parts*

## Whether your problem's.....

Dust...



...Fume...

...or Oil Mist...



**...Torit DCE is the answer**



**Torit DCE**, Humberstone Lane, Thurmaston,  
Leicester, LE4 8HP, UK, Tel +44 (0)116 269 6161 Fax +44 (0)116 269 3028,  
Email: [toritdce.uk@mail.donaldson.com](mailto:toritdce.uk@mail.donaldson.com) <http://www.toritdce.com>

**Torit DCE**, Unit 9, Southern Cross Business Park,  
Bray, Co. Wicklow, Ireland, Tel +353 (0)1 286 8145 Fax +353 (0)1 286 8732  
Email: [toritdce.uk@mail.donaldson.com](mailto:toritdce.uk@mail.donaldson.com) <http://www.toritdce.com>



Cert. No. 772363 Cert. No. FM25899