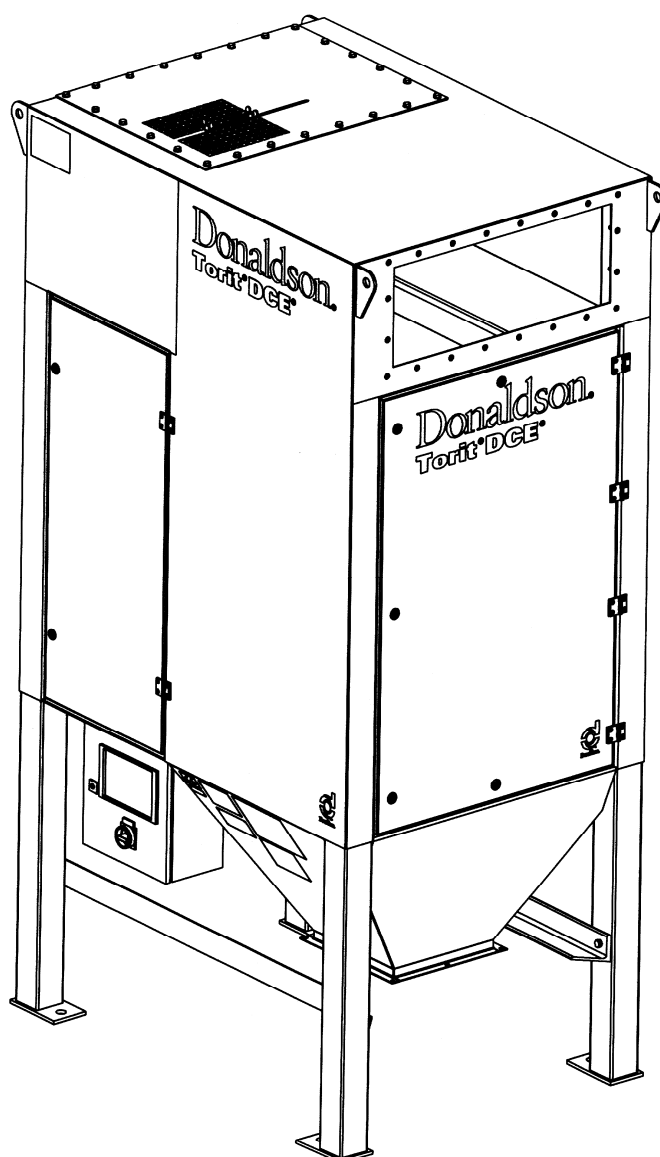


**FOR TORIT DCE DUSTCOLLECTOR TYPE DFPRO4, DFPRO6,
DFPRO8, DFPRO12, DFPRO16 (including DOB, Cyclopeel, and
Spark Trap versions)**



IMPORTANT

PLEASE READ THIS MANUAL CAREFULLY BEFORE INSTALLATION

**THIS MANUAL SHOULD BE READ IN CONJUNCTION WITH THE RESPECTIVE PRODUCT
MANUAL AND CIRCUIT DRAWINGS SUPPLIED WITH THE DUST COLLECTOR**

EXPLANATION OF SYMBOLS USED



Refers to special information regarding the most efficient use.



Refers to special information directed towards preventing damage.



Refers to special information designed to prevent injury or extensive damage.

IMPORTANT

**These details correspond to the serial nameplate
located on the side panel of the equipment
to which this Manual refers**

			
Dustcollector Entstauber			
 Model / Type	 Serial Nr / Fabrik Nr	 Seq Nr	 Year / Baujahr
V Voltage / Spannung	 kW	 Control Timer / Steuerkasten	
 Cycle / Frequenz	 PH	 Part / Teil #	
 Net weight / Nettogewicht		 Input / Eingang	
		 Output / Ausgang	
Donaldson Europe B.V.B.A. Torit-DCE Division Interleuvenlaan 1 B-3001 Leuven Belgium WWW.DONALDSON.COM			

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1 SAFETY RECOMMENDATIONS

This manual contains specific precautionary statements relative to worker safety in appropriate sections. To avoid dangerous situations we give you the following advice:



Refers to special information on how to use the dust collector most efficiently.



Refers to special information directed towards preventing damage.



Refers to special information designed to prevent injury or extensive damage.



- a) *The dust collector has been built in accordance with state-of-the-art standards and recognised safety rules. Nevertheless if not handled carefully, it may put people at risk, or also cause damages.*
- b) *The dust collector must only be used in technically perfect condition in accordance with its designated use and the instructions set out in the operation manual. Any functional disorders, especially those affecting the safety, should therefore be rectified immediately.*
- c) *Make sure to give proper training to operators before start-up.*

The dust collector is designed exclusively for use in accordance with the scope of delivery, drawing(s) and the specification sheet.

- d) *The dust collector is not designed for applications with combustible materials involving a potential dust explosion risk (e.g. buffing lint, paper, wood dust, aluminium and magnesium).*
- e) *It is not allowed to put lit cigarettes or any burning object into the hood or ducting of any dust collection system;*
- f) *Regular maintenance is important for a good performance of your dust collector.*

A prudent user of Torit DCE equipment should consult and comply with all relevant Fire Codes and/or other appropriate codes when determining the location and operation of dust collector equipment.

A hand-operated supply-disconnecting device is necessary for each incoming electrical supply in accordance with EN 60204-1.

- g) *To prevent accidents the access to the fan wheel must be impossible during operation. Refer to EN 294.*
- h) *Disconnect all power before servicing. All electrical work must be done by a qualified electrician according to local codes.*
- i) *All exposed conductive parts of the electrical equipment and the dust collector shall be connected to the protective bonding circuit (refer to EN 60204-1).*
- j) *Shutoff and bleed-off compressed air supply before doing any service work.*

- k) *The dust collector cannot be used in a potentially explosive atmosphere (according ATEX directive 94/9/EC), unless stated otherwise on the nameplate of the unit and scope of delivery.*
- l) *The user of the dustcollector is responsible to dispose of any dust generated by the process, according to local regulations.*

2 INTRODUCTION

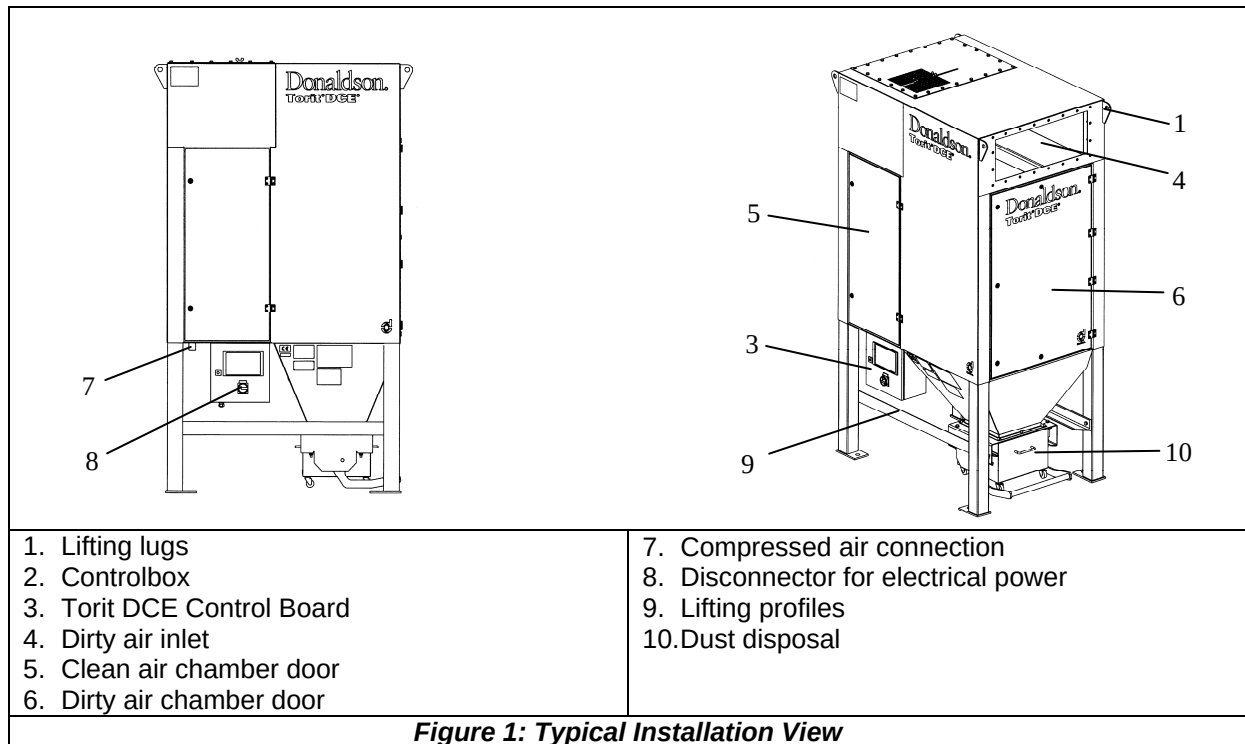


Figure 1: Typical Installation View

2.1 Product information

The dust collector is used for the collection of airborne dust and particulate. Whether in answer to the problem of air pollution, or as part of a manufacturing process, the dust collector provides highly efficient, continuous, on-line dust collection.

The filter elements are the heart of the dust collector. These filter elements help ensure that only cleaned air is returned to the plant environment.

Technical and field supports are available from your local Torit DCE Representative or Distributors to answer your questions.

2.2 Function

During operation, contaminated air enters the dust collector through the dirty air inlet area and passes through the filter elements.

Dust is collected on the outside surface of the filter elements. The filtered air flows through the centre of the filter elements into the clean air chamber, where it exits through the clean air outlet and can be recirculated into the environment.

To ensure the optimal performance of your dust collector it is necessary that the filter elements are cleaned automatically and sequentially.

During the filter cleaning sequence, the timer energises a solenoid valve, causing the corresponding diaphragm valve to send a pulse of compressed air through the filter elements (from the inside outward), removing the collected dust from the outside surfaces of the filter elements.

The dust falls through the hopper into the dust disposal system.

Another important part of the collector is the damper valve integrated in the clean air plenum. It has two functions: regulating the airflow and protecting new filter elements.

When installing a filter unit on site, different locations have a different static pressure in the incoming ductwork. The damper valve can be adjusted so the airflow at the unit inlet is always ideal for that particular dust collector. Please contact your Donaldson representative to find out the best values for your installation.

When new filter elements are installed it is necessary to reduce the airflow through the filter media. This way the dust will not penetrate the media and can be cleaned off as described above. After the elements are conditioned the damper valve can be placed back to its original position.

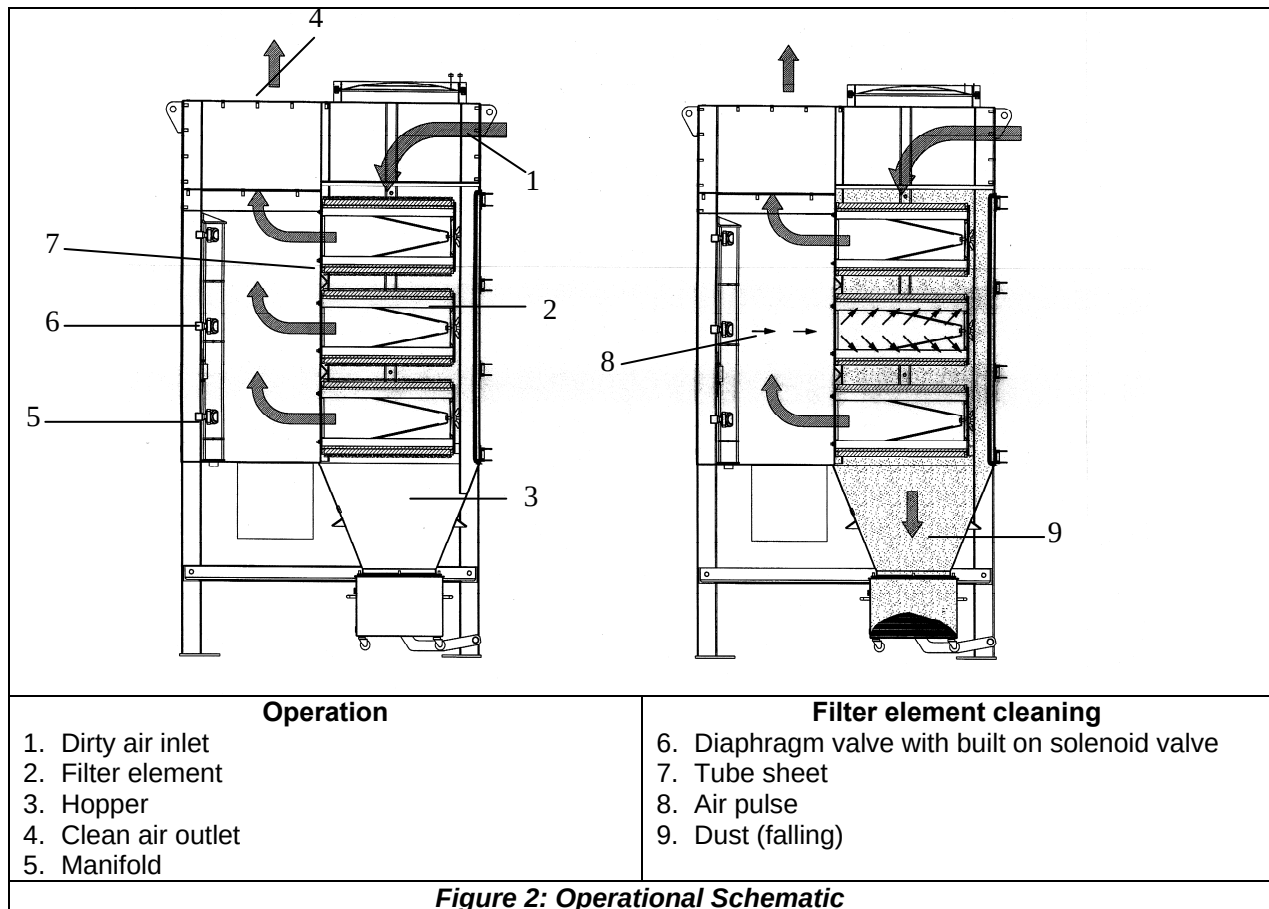


Figure 2: Operational Schematic

3 PRIOR TO INSTALLATION



You should ensure all persons carrying out work on the supplied equipment follow any relevant recognised standards or codes and are competent to do so. Areas requiring competent person include:

- Lifting and erection
- Electrical installation, inspection and maintenance
- Pneumatic installation, inspection and maintenance

3.1 Location

The dust collector should be located with consideration for:

- emptying the dust disposal (item 11, fig. 1)
- shortest runs of inlet and outlet ductwork
- radius bends on elbows as big as possible
- easy access to electrical and compressed air connections

- convenience of maintenance.



Consult the technical specification sheet and drawings for the dust collector weight and dimensions.

For calculating for foundation or supporting structure consider the following factors:

- the weight of the dust collector
- the material being collected
- and all auxiliary equipment
- live loads
- for outdoor installation snow and wind loads

3.2 Required tools and equipment

- Crane/Fork lift
- Slings/ Clevis Pins and adequate lifting equipment
- Standard tools (e.g. screwdrivers, wrenches, etc.)
- Drill
- Pipe Sealant

3.3 Delivery and inspection



The dust collector is normally shipped by truck as a completely mounted dust collector and should be checked for any damage that may have occurred during shipping. Compare the parts received against the packing list. If there is damage or parts missing, notify the delivery company and your local Torit DCE representative.

Parts shipped loose with the delivery (depending on your order):

- Dust disposal system
- Transition pieces
- Fan set (if not pre-mounted)
- Fan box
- Silencer
- Platform
- Spare parts
- Anchor bolts
- Cyclopeel
- Hardware/Sealant



The collector comes with a can of paint with the colour the unit is painted in. Use it to touch up scratches and dents on the bodywork.

4 INSTALLATION

4.1 Unloading and transport to location



Before unloading remove all packing and strapping.

- A crane is recommended for the unloading, transport and installation of the dust collector.



Chains or slings with an adequate safe working load must be used. Refer to the collector nameplate for weight of equipment supplied by Torit DCE. The chains must be long enough to

ensure that the lifting angle between diagonal chains is not greater than 90°. When using a forklift the forks must be of a suitable length and adjusted to ensure a stable lift.

- Possibly a forklift can be used. If using lifting profiles (item 10, fig. 1) pay attention not to hit the optional quick release dust disposal system.
- Using plumb line and/or spirit level, line up the unit both horizontally and vertically using shims under the legs where required.

4.2 Installation and assembly



Anchor the dust collector to the foundations.



If one of the following equipment is ordered and not mounted please follow the according instructions.

4.2.1 Pre-separators



All pre-separators are no add-on options. They have to be ordered together with the dust collector.

a) Cyclopeel

The Cyclopeel is shipped loose and has to be mounted on the dust collector according following mounting instructions. (see figure 3)

The isolation foam on the cyclopeel side of the clean airside of the unit is shipped loose and has to be applied when the cyclopeel is mounted.

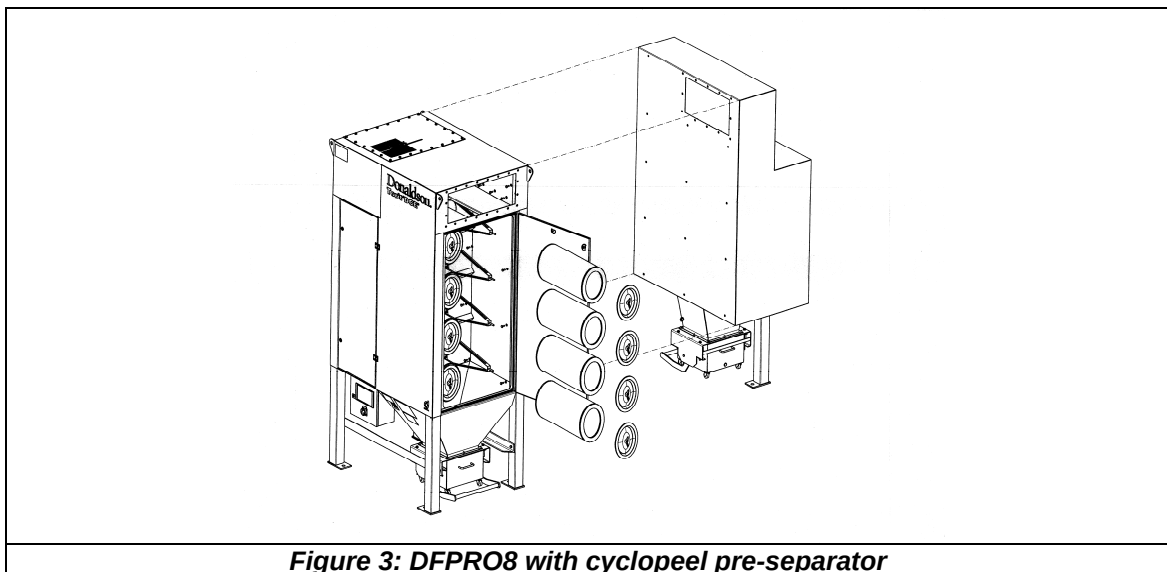


Figure 3: DFPRO8 with cyclopeel pre-separator

b) Spark trap

The spark trap is pre-mounted on the dust collector.

c) Drop out box

The drop out box is integrated in the dust collector.

4.2.2 Fan Set

If the fan set is not pre-mounted, place and anchor on the foreseen position.



When installing your fan:

- Rotate the fan wheel before and after installing into the fan housing to assure proper clearance.

- Check the rotation of the fan wheel (direction of the arrow).

4.2.3 Fan box

The fan box is shipped loose and has to be mounted on the unit according following mounting instructions.

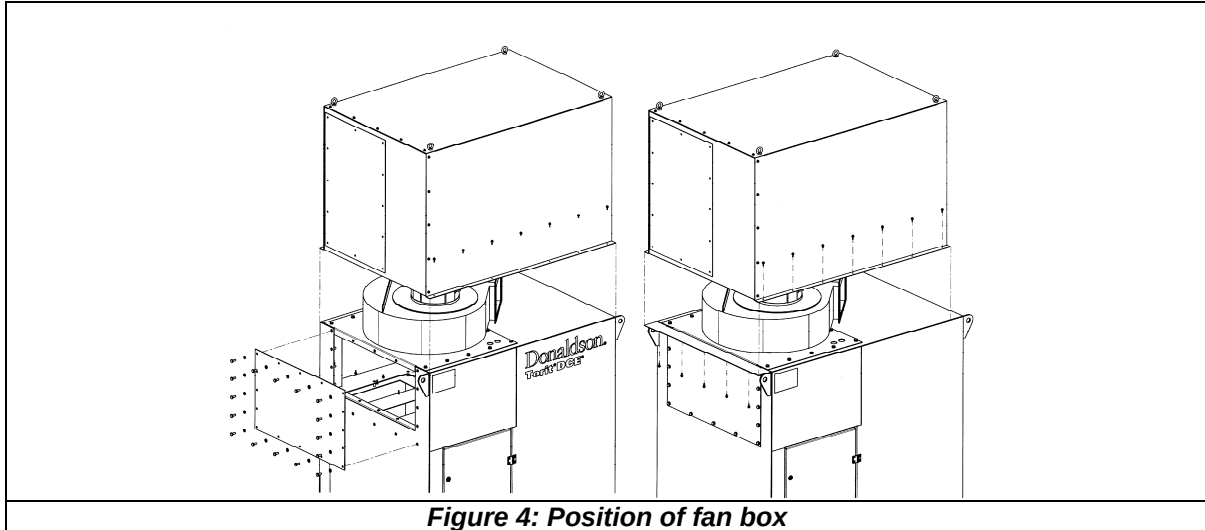


Figure 4: Position of fan box



The outlet position can be changed by swapping the grid and the closing cover before mounting the fan box.

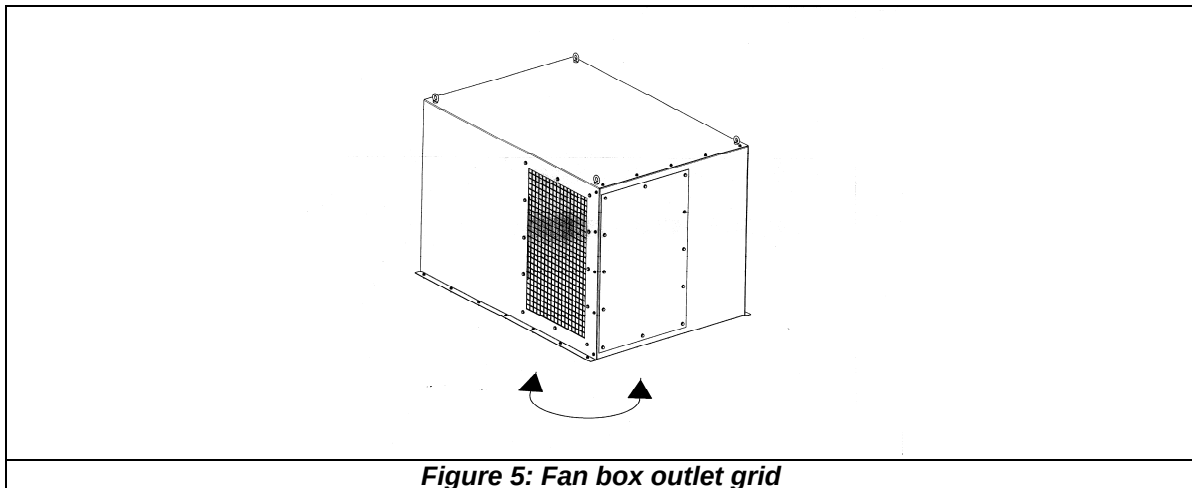


Figure 5: Fan box outlet grid

4.2.4 In- and Outlets

If not pre-mounted, mount the in- and outlets as shown on the specific drawings.

4.2.5 Platform

The platform is shipped loose and has to be mounted on the unit according following mounting instructions:



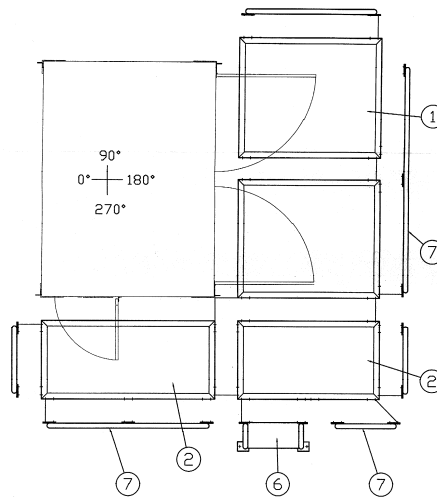
- Platform fully galvanised.
- Max allowable point load (on surface 200x200 mm): 1500 N
- Max allowable load: 200 kg/m²
- Grate: 30x30 mm
- Self-closing door

- Step 1: Mount frames 1 and 2 (optional) on supports on unit and on legs (item 4) (14 x M12x35) (figure 'Front view').
- Step 2: (optional). Connect frame 1 and 2 to each other (24 x M10x35) (figure 'Front view').
- Step 3: Mount walking grid (item 5) on the frames with normal fastening (1 fastener -item 10- near each corner) (figure 'Front view' + detail).
- Step 4: Mount ladder (item 6) on frame (8 x M10x30) (figure 'Front view').



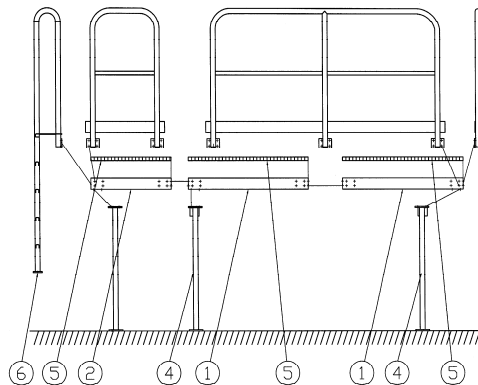
Ladder is shown at 270°, it can be mounted at 90°.

- Step 5: Mount guardrails (item 7) on frame (56 x M10x30) (figure 'Top view')
- Step 6: Anchor the platform and the ladder to the foundation



1. Frame service platform
2. Frame inspection platform
6. Ladder
7. Guardrails

Figure 6: Top view



1. Frame service platform
2. Frame inspection platform
4. Leg
5. Walking grid
6. Ladder

Figure 7: Front view

4.2.6 Control Box



The control box is factory mounted on the dust collector, according to our standards (except when specified by order).



All the instructions related to the controls are mentioned in a separate manual (e.g. 262-3103-UK for Torit DCE Control Board).

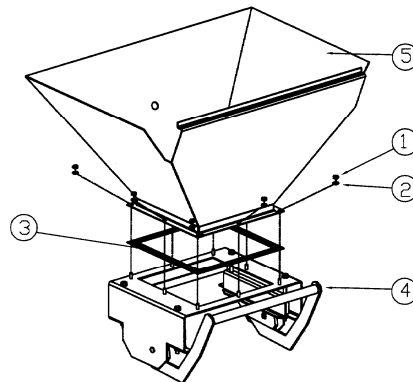
4.2.7 Dust disposal system

a) Quick release dust disposal system

If the system is shipped loose it has to be mounted on the unit according figure 5.



The system can be installed in 4 directions (0°, 90°, 180°, 360° - see fig. 1)



1. Nut M10
2. Washer M10
3. Gasket (double row)
4. Quick release dust disposal system
5. Hopper

Figure 8: Installation Quick release dust disposal system

b) Other systems

Other available dust disposal systems (container, screw conveyor, etc...).

4.2.8 Compressed Air Connection



- Compressed air pressure must be between 6 and 7 bar.
- Be sure that all compressed air components are adequately sized to meet the maximum system requirements of 45 Nliters per pulse at 7 bar supply pressure (= design pressure).
- It is a requirement that adequate precaution is taken to avoid exceeding this pressure. Relief, safety valve is required if the connected supply can exceed this pressure. A label is also attached to each manifold indicating manifold design details.
- Compressed air supply must be both oil and moisture free.
- The piping should be installed to provide a fall in the directions of the airflow to assist in the drainage. A blow-down cock should be provided at the lowest point of the installation.
- Purge compressed air lines to remove debris before connecting to the manifold.
- Connect the compressed air supply line to the compressed air connection of the dust collector (item 8 fig. 1)
- Use thread-sealing tape or pipe sealant on all compressed air connections.

- A compressed air shut-off valve, a filter/water separator with automatic condensate drain, a pressure regulator with gage must be installed on the compressed air supply line. Locate these components for convenient service, in the immediate vicinity of the dust collector.



Alternative cleaning gases should be assessed before use to ensure explosive atmospheres are not introduced.

4.2.9 Electrical connection



Amperage and voltage information is shown on the nameplate ratings of the fan motor. Over amperage of motor will cause damage.

- If the fan is not pre-mounted, connect the fan motor to the control box according wiring diagram.
- Connect the main power to the control box according the wiring diagram included in the control box.



Check the rotation of the fan wheel (direction of the arrow on the fan housing). If the fan is running in the wrong way, it will deliver only approximately 40 % of its rated air volume. Lock out all electrical input power and interchange any two wire leads (3 phase only) on the output side of the motor starter to reverse fan rotation.

4.2.10 Duct connections and damper valve

Connect::

- Fan and dust collector
- Inlet
- Outlet if needed



All connections have to be sealed properly.



If not integrated in the unit it is **ABSOLUTELY NECESSARY** to install a damper to adjust the airflow.

There are 2 different kinds of standard damper valves. The smaller dust collectors with a fan until 3 kW integrated will have a damper valve (sliding gate) in the roof. The dust collectors with a bigger fan integrated or mounted on the roof will have an integrated damper valve with access via the clean air chamber door.

Both damper valves can be adjusted by unfastening the bolts so the valve can be slided. Please make sure to fasten the bolts afterwards. An opening of 50 % is a factory pre-setting.

4.2.11 Anti-static earthing



It is particularly important on collectors having anti-static filter elements that the earthing post (located adjacent to the earthing location sticker) is properly connected to earth, using the brass screw provided, to prevent any static build-up.

5 START-UP CHECKLIST



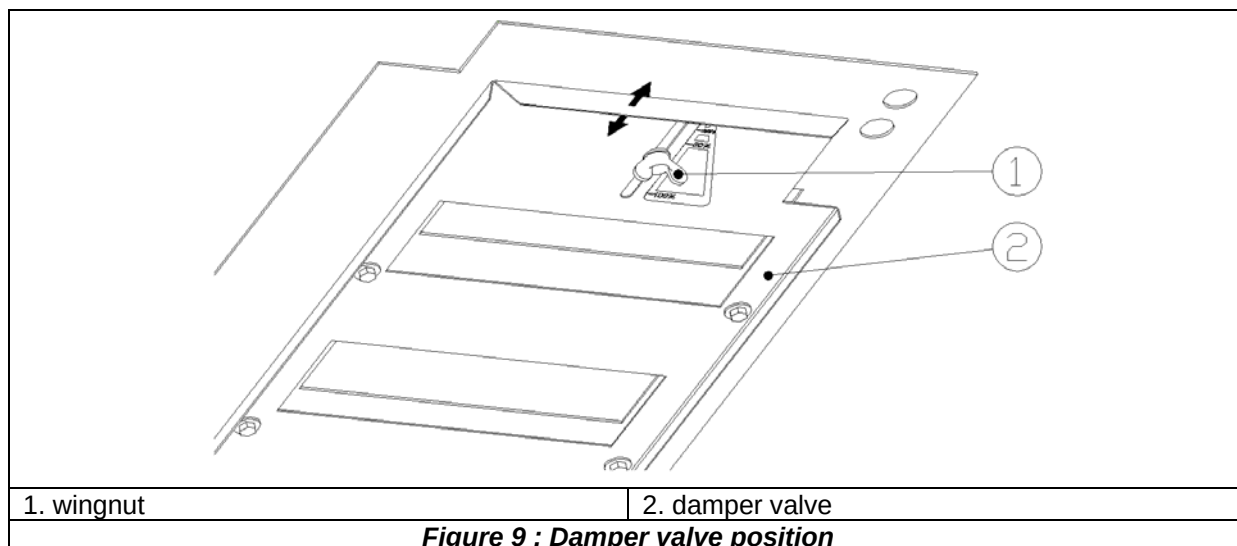
- Follow all steps before first start-up and when the dust collector is not been used for a long period.
- For daily use follow steps 1, 2, 4, 5 and 7.

1. Check that the outlet of the fan is free of debris before starting.
2. Make sure the dust disposal system is properly installed under the hopper.



Too much airflow can cause electrical failure of the fan motor or dramatically reduce the life of the filter elements.

3. With new filter elements the damper valve wingnut should be positioned at the 50% marking.
(figure Damper valve position)



4. Check if the access doors are closed.
5. Switch main power on and press switch 'on'.
6. Check the airflow with a pitot tube and a micro-manometer in the ductwork and adjust the damper valve to the desired airflow.



In case of an integrated damper valve, switch the fan off before opening the access door to increase/decrease airflow.

7. Turn on the compressed air supply. Adjust to 6.5 bar of pressure with the compressed air regulator.



Do not increase compressed air pressure beyond 7 bar as component damage may result.

The cleaning cycle only starts when necessary. For customised settings see the controller manual.

6 OPERATION SCHEDULE

To ensure a good performance of your dust collector follow the checkpoints mentioned below according the timetable.

No.	Checkpoint	Type of control	Recommended action	Day	Weeks			
					2	4	8	26
1.	Control board	Visual check alarm light (illuminated)	See trouble shooting guide in Control manual	X				
2.	Dust disposal system	Check contents of dustbin(s)	If ¾ full, empty dustbin (see chapter 7.1)	X				
3.	Fan set	Excessive noise	See trouble shooting guide chapter 8	X				
4	Clean air chamber	Emission : dust carry over in clean air chamber	See trouble shooting guide chapter 8		X			

No.	Checkpoint	Type of control	Recommended action	Day	Weeks			
					2	4	8	26
5	Damper valve	Check position of damper valve	Wingnut at 50% when the elements are new; at 100% when the elements are conditioned		X			
6	Controls settings	Check settings of both potentiometers (pulse time 100 milliseconds, interval time 10 seconds) on the control board (see separate manual)	Interval time normally to be set at 10 seconds. Pulse time 100 milliseconds.		X			
7	Filter/regulator	Oil and/or water is in the reservoir	Switch off and bleed compressed air prior servicing. Clean oil/water separator. Check compressor.		X			
8	Diaphragm valves	Noise of escaping air is produced	See trouble shooting guide chapter 8			X		
9	Doors	Visual check gaskets	Replace gaskets if necessary			X		
10	Connecting ducts	Check for leakage	Repair if necessary				X	
11	Dust collector and platform	Check damage, strength and corrosion	Repair or replace if necessary					X
12	Filter element	Preventive replacement of all filter elements (see chapter 7.2)	Unless otherwise specified in the scope of delivery every 2 years .					

7 SERVICE



- *Disconnect electrical power before servicing.*
- *Shut off and bleed compressed air supply before servicing any compressed air components.*
- *No welding should be performed inside without fire protection.*
- *Avoid contact or exposure to dust during servicing or maintenance.*

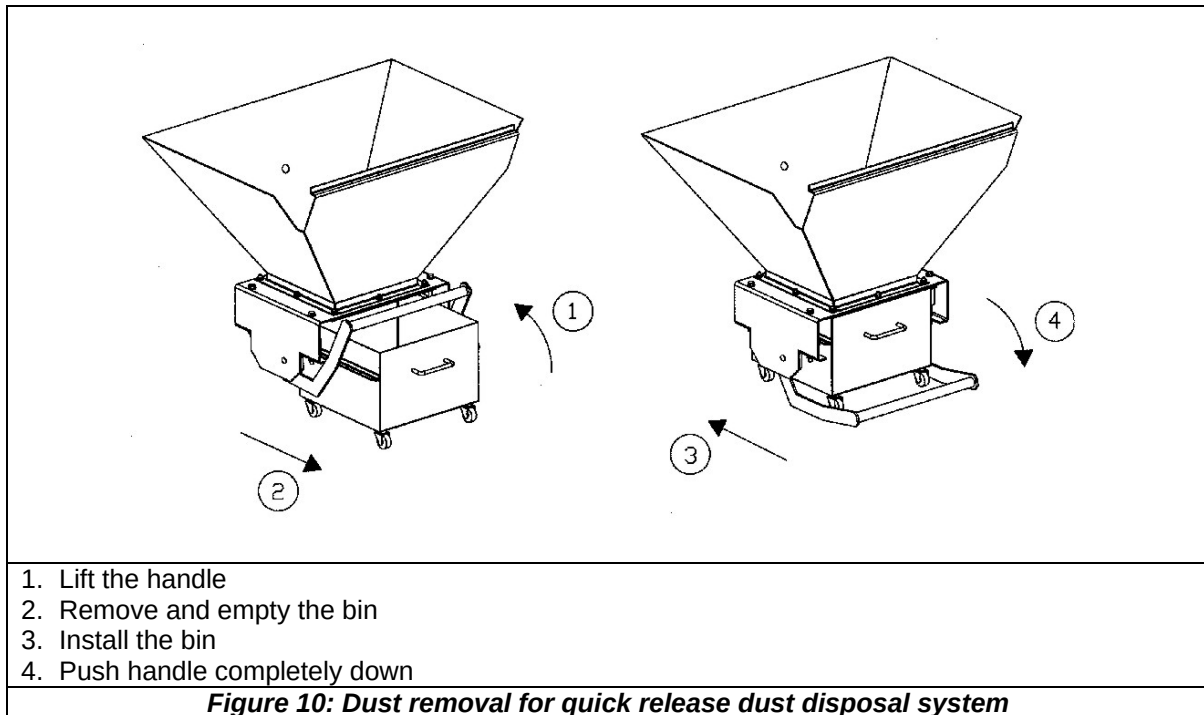
7.1 Dust Removal



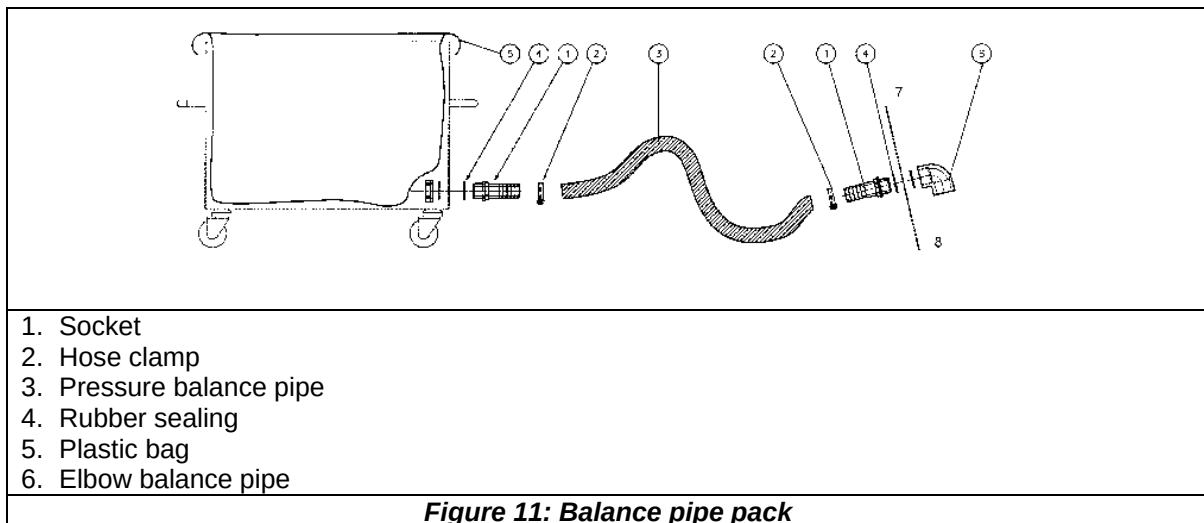
Do not let the dustbin overfill. It can cause poor dust collector performance.

Turn off the dust collector and empty the dustbin on a regular base (recommend to empty the dustbin when 3/4 full).

The bin can be installed and removed as shown below:



If plastic bags used a pressure balance pipe is recommended. If shipped loose it has to be mounted according figure 7.



A hole is already predrilled in the back of the hopper for the connection. If the system is installed to remove the bin from the back (0° position), a hole (dia 28.5 mm) has to be drilled on the opposite side of the hopper. The predrilled hole has to be closed.



Where the dust has self-heating properties, it is important to remove any deposits in the dust container to reduce the risk of an explosion



In case of a **spark trap**: don't forget to empty it. Use a vacuum cleaner through the access cover on the spark trap.

7.2 Change of filter Elements

(see figure 'Exchanging filter element')



All filter elements should be changed at the same time.



Dust laden filters may be heavy and difficult to handle. Provide appropriate means of access to replace filter elements safely in case no platform is installed.

1. Open the dirty air chamber door by using the delivered key.
2. Remove filter element cover by unscrewing the wing nut counter clockwise. Set cover aside.
3. Rotate the filters to break the gasket seals between the filter element and the tube sheet (see figure 'Operational schematic') and dump any loose build up dust off of the top of the filter element. Slide the filter element along the yoke and out of the dust collector.



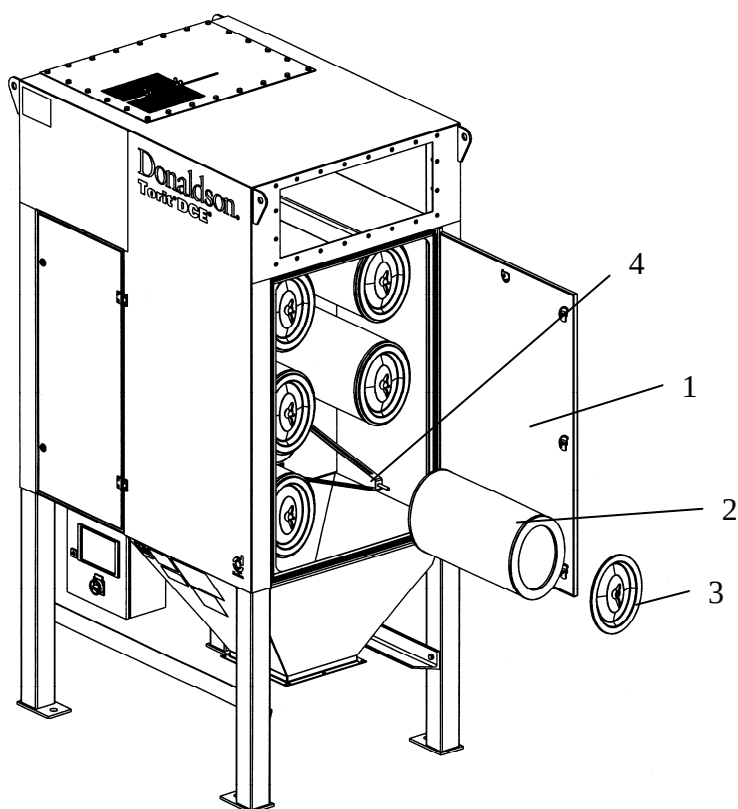
- *The genuine Torit DCE filter element is the only replacement filter that will provide the high level of performance that you expect from your investment in the Torit DCE Dust collector.*
- *Do not drop the new filter element on the floor or any other hard surface. Damage to the filter element will occur, resulting in leakage. It is necessary to clean the dust off of the tube sheet all around the opening to ensure a positive seal of the filter gasket.*

4. Slide the new filter element along the yoke with the gasket end facing inward toward the clean air chamber.
5. Reinstall the cover and screw the wing nut clockwise onto the yoke. Tighten securely, to prevent leakage, by hand, do not use any tools to achieve this.



- *If the gasket is damaged the cover has to be replaced.*
- *Lack of compression of the filter gaskets can cause leakage.*
- *If the door gasket is damaged, it has to be replaced.*

6. Clean the gasket of the dirty air chamber door.
7. Close the dirty air chamber door by using the delivered key.



1. Dirty air chamber door
2. Filter element
3. Cover
4. Yoke

Figure 12: Exchanging Filter Element

7.3 Diaphragm valve

Valve disassembly and reassembly



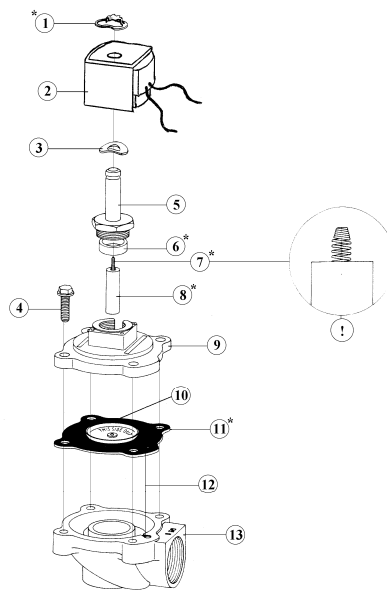
Depressurise valve before making repairs.



To avoid damage to the valve body, DO NOT OVERTIGHTEN PIPE CONNECTIONS. If Teflon tape, paste, spray or similar lubricant is used, use extra care due to reduced friction.

Depressurise valve. Proceed in the following manner:

1. Remove bonnet bolts and valve bonnet.
2. Diaphragm assembly is now accessible for cleaning or replacement. Replace diaphragm assembly if worn or damaged.
3. Reassemble in reverse order of disassembly paying careful attention to exploded views provided for placement of diaphragm assembly.
4. When replacing diaphragm assembly be sure marking **"THIS SIDE OUT"** on diaphragm assembly faces valve bonnet and that bleed hole in diaphragm assembly is in alignment with cavity in valve body and bonnet. The external contours of the diaphragm, body and bonnet must all be in alignment.
5. Replace bonnet bolts and tighten in a criss-cross manner. Torque bonnet bolts (4) $7 \pm$ Newton meters.
6. After maintenance operate the valve a few times to be sure of proper opening and closing.



1. Retainer clip (*)
2. Coil
3. Washer spring
4. Bonnet bolts (4)
5. Sol base sub assembly (torque to 20 Nm)
6. Silencer (*)
7. Spring (*)
8. Core assembly (*)
9. Valve bonnet
10. Marking "THIS SIDE OUT" on diaphragm assembly to face valve bonnet
11. Diaphragm valve (*)
12. Bleed hole in diaphragm assembly must be in alignment with cavity in valve body and bonnet. The external contours of the diaphragm assembly, body and bonnet must be in alignment.
13. Valve body

(!) Place conical spring end on top

(*) Parts included in the diaphragm repair kit

Figure 13: Diaphragm Valve

8 TROUBLE SHOOTING GUIDE



Please consult other manuals if necessary (e.g. controls, fans...)



Disconnect all power and compressed air supply before services.

TROUBLE	POSSIBLE CAUSE	REMEDY
A. Fan does not start	1. Not wired correctly.	Check and correct internal motor wiring for proper connections for your voltage (see Wiring Diagram)
	2. Proper wire size not used for motor	Rewire per national and local electric codes for proper wire size.
B. Fan set starts, but does not keep running	1. Incorrect overload protection is installed	Check for proper motor overload protection. Reset or replace if needed for proper value.
	2. Dust collector doors are open or not closed tight	Tighten doors securely (see figure 1)
	3. Hopper open to atmosphere	Install dust bin under hopper and seal securely
	4. Damper valve not adjusted properly	Check airflow in ducting for proper requirements. Adjust the damper valve until the proper airflow is achieved. Do not attempt to run without inlet ducting attached. (see chapter 5)
	5. Electrical circuit fuses	Check if the supply circuit has sufficient power to run all equipment
C. Excessive noise/vibration of the fan	1. Dust deposit on the blades	Clean the blades
 If this happens it should be rectified at once	2. Worn blades	The fan wheel has to be replaced
	3. Worn bearings	The bearings has to be replaced
D. Dust emission	1. Filter elements installed improperly	Check that gaskets on the filter element(s) are firmly pressed to the tube sheet (the wing nuts of the filter elements should be fully tighten by hand).
	2. Filter element damage, dents in the end caps, gasket damage or holes in pleated media	Replace the filter elements. (see chapter 7.2)
	3. Doors not airtight	Tighten doors securely and check sealing
E. Insufficient airflow	1. Fan wheel rotating wrong way	Check fan rotation. Refer to rotation sticker on fan housing (see chapter 4.2.2)

TROUBLE	POSSIBLE CAUSE	REMEDY
E. Insufficient airflow (continued)	2. Openings not properly sealed	Check doors, that they are closed and tightened securely (see figure 1). Also check hopper area that openings are closed off and that the hopper dust disposal is installed.
	3. Outlet is restricted	Check outlet for blockage. Remove material or debris that is blocking the outlet.
	4. Filter elements plugged :	
	a. Lack of compressed air	Check compressed air supply for 6 bar minimum. Increase pressure at maximum 7 bar. Refer to the trouble shooting guide from the Control manual
	b. Pulse cleaning not energised	Clean out dust disposal system as described in chapter 7.1
	c. Dust disposal system is too full or plugged	Clean out the hopper
	d. Hopper full of dust or plugged	Open slide gate cover under hopper
	e. Slide gate valve (if fitted) closed under hopper	Replace the filter elements (see chapter 7.2)
	f. Filter elements need to be replaced	
	5. Solenoid valves/diaphragm valves are not functioning	
F. Excessive noise of a diaphragm valve	a. Solenoid valves/diaphragm valves are leaking compressed air	Check for debris, obstruction, valve wear or diaphragm failure by removing the diaphragm cover on the solenoid valves. Also check for solenoid leakage damage. If diaphragm valves or solenoid valves are damaged replace it or replace damaged part(s).
	b. Pulse control printed circuit board has failed or is out of adjustment	Refer to Operating manual of the Controls.
	1. Failure on the diaphragm valve	Check for debris, obstruction, valve wear or failure by removing the diaphragm cover. If the diaphragm valve is damaged, replace it or replace damaged part(s).

9 SPARE PARTS

Item N°	Part number	Description	
2 fig. 2	262-5112	Torit DCE filter element Ultra-Web®	see scope of delivery for type of filter element installed in your dust collector
2 fig. 2	262-5115	Torit DCE filter element Ultra-Web® FR	
2 fig. 2	262-5116	Torit DCE filter element Fibra Web®	
2 fig. 2	262-5117	Torit DCE filter element Torit-Tex™	
2 fig. 2	262-5125	Torit DCE filter element Thermo-Tek™	
6 fig 2	262-0139	Diaphragm valve 1"	
fig 10	262-0087	Diaphragm valve repair kit	
6 fig 8	726-1996	Cover	
/	262-2564	Key door locks	
/	262-2612	Key controlbox	
/	AD1000279	plastic bag for balance pipe pack	
/	262-2569	Door gasket	Length to be specified



In order to maintain the original collector specification and to ensure the same level of safety, only genuine spare parts should be fitted.



When ordering parts, give model number and serial number of dust collector, description and quantity of parts desired

DECLARATION OF CONFORMITY

GB

EC DECLARATION OF CONFORMITY (Machinery Directive 2006/42/EC)

Manufacturers: **Donaldson Filtration (GB) Ltd.**
Humberstone Lane, Thurmaston, Leicester LE4 8HP, England
ISO Certificate number: 367984 QM
Donaldson Industrial CR – koncern s.r.o.
Kralovsky vrch 1986, 432 01 Kadan, Czech Republic
ISO Certificate number: CH06/0372

Technical file (*Head Office*): **Donaldson Europe B.V.B.A.**
Interleuvenlaan 1, B-3001 Leuven (Heverlee), Belgium
ISO Certificate number: BE09/961048

Description of the machinery: **Dust Collector**

Brand: **Donaldson Torit DCE**

Description: **See attached Scope of Delivery**

The undersigned, authorized by Donaldson, certifies that the machine described above, provided that it is installed, maintained and used in accordance with the instructions for use and the codes of practice, meets the essential safety and health requirements of the following Directives:

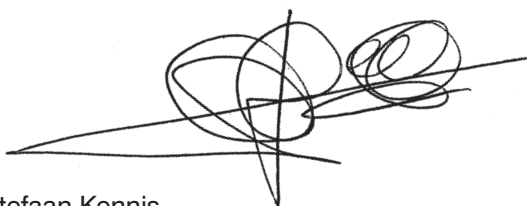
- Machinery Directive 2006/42/EC
- Low voltage Directive 2006/95/EC
- Pressure equipment Directive 97/23/EC
- Electromagnetic compatibility Directive 2004/108/EC
- Equipment and protective systems intended for use in Potentially Explosive Atmospheres 94/9/EC

IMPORTANT! Read the Installation, Operation and Maintenance Manual for order specifics and before using this machine. If you require additional copies contact your local Donaldson representative.

If the machine is part of a system then it must not be put into service until the machinery into which it is to be incorporated has been declared in conformity with the provisions of the above mentioned directives.

For connection to a power supply refer to appropriate manual.

Signature:



Name: **Stefaan Kennis**

Position: **Product Line Manager**

Place: **Leuven, Belgium**

Date: **January 2010**

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