

Flatbag FD Compact Filter



Compact Filter FD



Dantherm Filtration is a leading supplier of Air Cleaning & Dust Extraction solutions for a wide range of industries all over the world.

Dantherm Filtration Cleaning & Dust Extraction focuses on individual solutions for individual needs, we utilize the experience and expertise of four internationally recognized brands:

Airmaster,
BMD Garant,
Cattinair Nordfab.

Since 1975, Dantherm Filtration has supplied more than 30,000 air cleaning systems world wide.

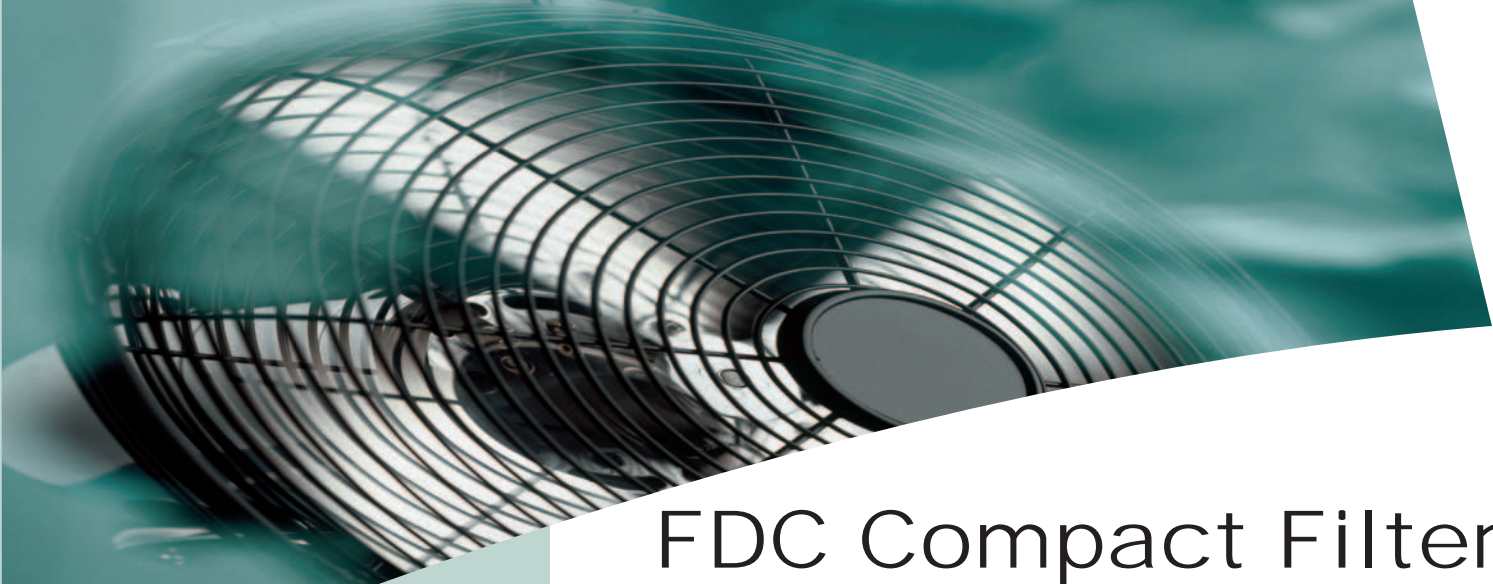
Dantherm Filtration takes care of everything from design and engineering, through feasibility studies, installation and commissioning, to lifetime service and maintenance.

Dantherm Filtration serves all industries – some examples:

- **Cement and aggregates**
- **Foundry**
- **Construction industry**
- **Waste recycling**

Dantherm Filtration has the expertise, experience, organisation, and commitment to deliver an efficient clean air solution completed to specification, on budget, and on time.





FDC Compact Filter

Features

- Heavy duty design, made from 3mm steel
- Compact dimensions
- Jet plus cleaning system with low compressed air consumption
- Easy bag change
- Long life filter bags
- Fan can be installed direct at housing
- Different filter fabric available 20~200°C
- Low dust emission level-- can meet with all specification
- Available for many applications
- Competitive price



Maintenance door open



Side view with cleaning controller



Valve arrangement

How to Change Filter Bags



- unlock blow pipe
- remove blow pipe

- unlock leg spring
- take out clamping frame
- take out bag



Bag handling for harmful dust

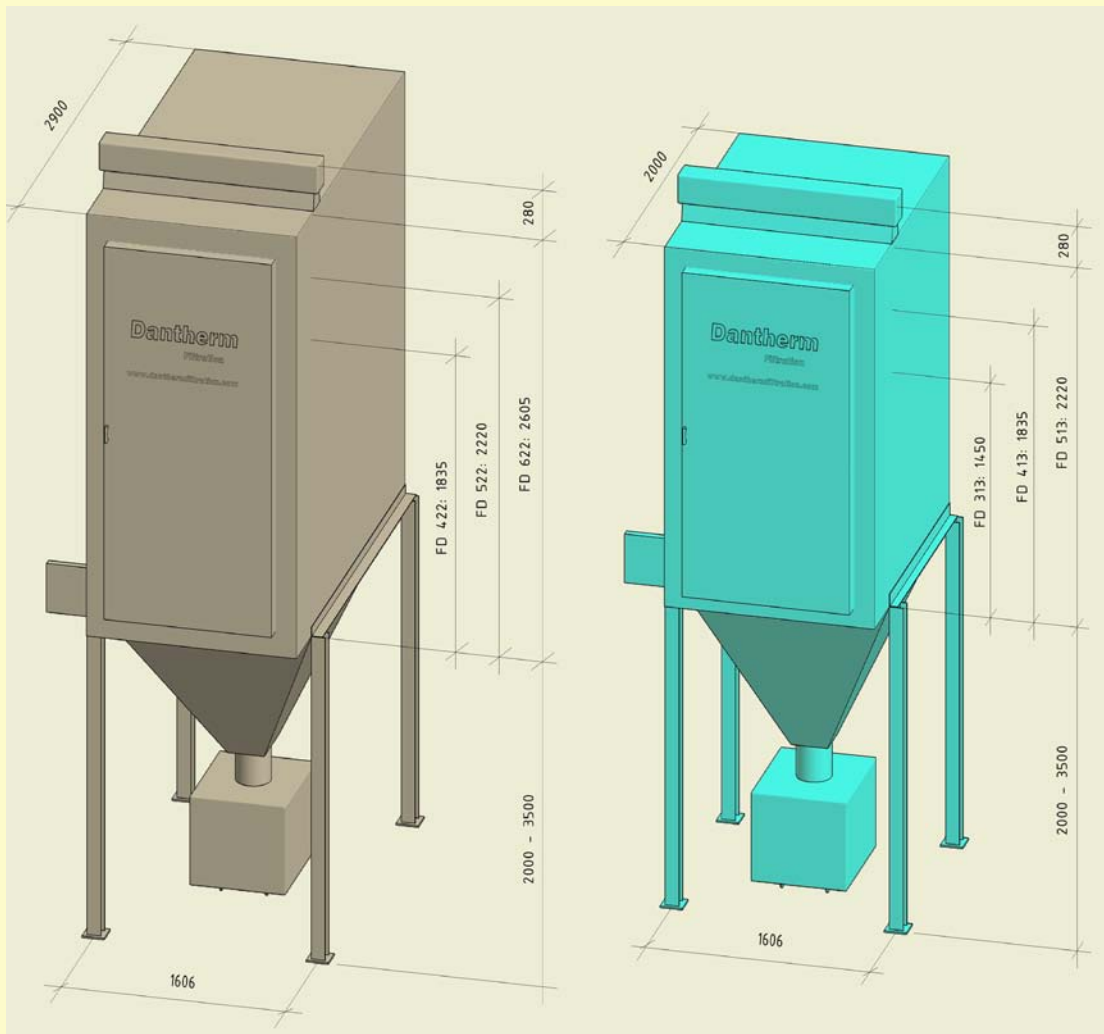


Selection sheet for FD Compact filters

update 20.8.08

Type FDC top / bottom inlet	Type FDCR rear / presep inlet	net m ²	Flow (ACR = 1,5 m/min) m ³ /hr	Bags No of bags total pcs	Dimension main D/C body			weight house + bags aproximative kg
					height m	width m	depth m	
313 / 0,6/ 30		30	2,700	30	1.45	0.9	2	605
313 / 1,2/ 60		60	5,400	60	1.45	1.506	2	1210
413 / 1,2/ 80		80	7,200	80	1.835	1.506	2	1540
513 / 1,2/ 100		100	9,000	100	2.22	1.506	2	1980
613 / 1,2/ 120		120	10,800	120	2.605	1.506	2	2420
422 / 1,2/ 80		135	12,168	80	1.835	1.506	2.9	1210
522 / 1,2/ 100		169	15,210	100	2.22	1.506	2.9	1540
622 / 1,2/ 120		203	18,252	120	2.605	1.506	2.9	1980
722 / 1,2/ 140		237	21,294	140	2.99	1.506	2.9	2420
	311 / 1,2/ 60	51	4,572	60	1.45	1.506	2	1980
	411 / 1,2/ 80	68	6,102	80	1.835	1.506	2	2420
	511 / 1,2/ 100	85	7,623	100	2.22	1.506	2	2860
	611 / 1,2/ 120	102	9,144	120	2.605	1.506	2	3300
	420 / 1,2/ 80	123	11,088	80	1.835	1.506	2.9	1980
	520 / 1,2/ 100	154	13,860	100	2.22	1.506	2.9	2420
	620 / 1,2/ 120	185	16,632	120	2.605	1.506	2.9	2860
	720 / 1,2/ 140	216	19,404	140	2.99	1.506	2.9	3300

FD Series



The fastest Duct System in the world



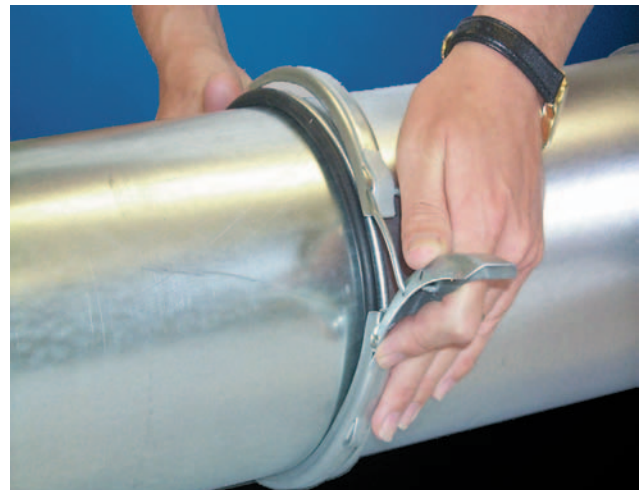
Put O-ring on cut duct, slide slip duct over cut piece of duct

The QF Duct system is manufactured from fully galvanized sheets and is characterized by great stability of form and a smooth surface.

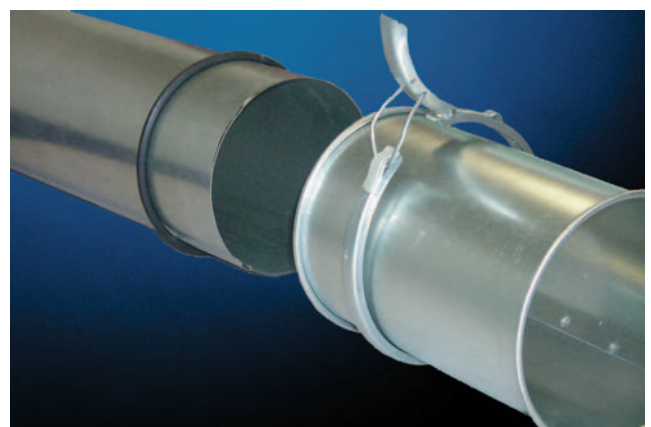
The components have a rolled collar, over which the QF clip is fitted. The clip has an inner gasket to ensure that an air tight seal is achieved. It requires no tools to assemble or modify.

The QF Duct system has a complete accessory range with 60° Y-pieces, 30° branches, 30° cut-in branches, adapters, reducers, sliding dampers, automatic dampers, etc. It ensures individual fitting and great flexibility – including adaptation to other duct systems.

- Simple to install
 - faster installation
- Clamp together
 - components can be taken apart and reused
- Easy to connect
 - to existing duct work
- Components and adapters
 - make it fit every system



Snap QF clamp over O-ring and one end of slip duct.



- Adjustable QF fitting
 - simplifies duct connections
- Smoother interior surfaces
 - help to prevent clogs

Download catalogue from website as
http://www.danthermfiltration.cn/Download_material/funcMenu/Download_material-13.aspx?Purge=True

Reference Installations

NPR, Indonesia
shot blast
FD 620/1,0/120



Kurita, Japan no bake mixer
FD 620/1,0/120



POLST, Poland chip dyer
FD 720/2,0/240 with gas cooler

World wide sales companies



Dantherm Filtration focuses on individual solutions for individual customer needs. We benefit from the experience and expertise of more than 30,000 air cleaning systems. And we deliver unbeatable reliability, low energy consumption and compliance with all

mandatory requirements for a wide range of applications in many different industries all over the world.

Dantherm Filtration is a part of Dantherm Group - a leader in industrial air management, offering industrial

cooling, heating, dehumidification, ventilation, air filtration and mobile air management. The Group has 3,000 employees and operates globally with production and sales companies in Europe, US and Asia.



Dantherm Filtration (Suzhou) Co.,Ltd.
No.855-10 Zhujiang Road,
Suzhou New District 215129
Jiangsu, China
Tel. +86 (0)512 6690 7500
Fax:+86 (0)512 6690 7521

丹腾过滤技术（苏州）有限公司
江苏省苏州新区珠江路855号
狮山工业廊内10号厂房

电话: +86 (0)512 6690 7500
传真: +86 (0)512 6690 7521