

TYPE PLATE FILTER

KIEKENS DUSTMASTER

DM8000

Dustmaster plate filters are of a particularly compact design and provide very high efficiency separation together with a very long filter life.

The Dustmaster 8000 is ideal for use in processes where dusts are very fine or have to meet specific emission levels.

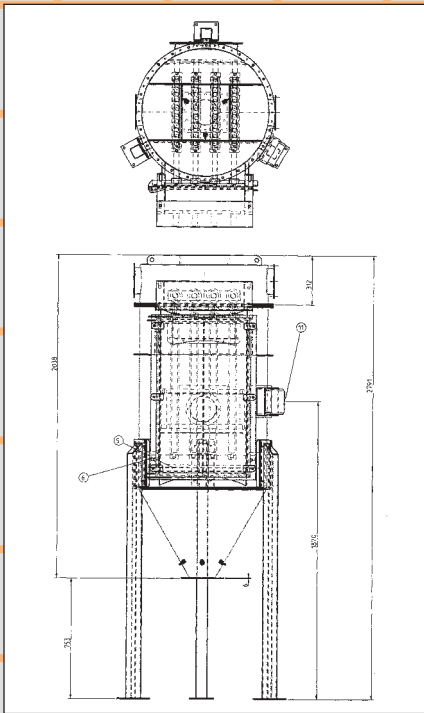
Because of its pressure resistant design, the DM8000 is ideal for use where dusts are explosive.

The DM8000 is therefore suitable for use in the plastic, chemical, engineering, pharmaceutical and food industries.



KIEKENS PRODUCTS

leaders in industrial vacuum cleaning technology



Sinter plate filter elements



Compressed air tank

SPECIFICATIONS	DM8000			
	Sinter plate	Folded plate		SpiroTubes
Type of filter	sintered polyethylene	laminated polyester	100% polyester	laminated polyester fleece
Efficiency	99.9% Dust class M	99.9% Dust class M	99.9% Dust class M	99.9% Dust class M
Max. filter area [m ²]	16.5	31.0	31.0	8.5
Max. suction pressure [Pa]	40,000			
Max. airflow [m ³ /h]	1500	1400	1300	1500
Other versions	PTFE coating, antistatic			
Max. number filter elements	5	5	5	5
Max. dust load [gr/m ³ air]	30	30	15	150
Max. operation temperature [°C]	70	140	90	135
Weight [kg]	500-750			
Diameter x height [mm]	800 x 2838			

Compressed air pressure

Max. 6 bar, consumption 55 litres per pulse, 10 Nm³/h at 20 seconds intervals

Finish

Inward 1 layer primer, outward 1 layer primer, 1 finishing coat in orange RAL2004 and grey RAL7021

Support

3 brackets with free space of 750 mm under the funnel, deviating measures on request

Cleaning

Compressed air cleaning during operation, by means of a filter condition control unit, which, dependent on the application, can be adjusted to differential pressure (dependent on the filter pollution) or time

Compressed air tank

Certified in accordance with the Pressure Equipment Directive (PED) 97/23/EC

OPTIONS:

Suction unit

High and low pressure ventilators and also turbo compressors (please refer to our leaflet)

Explosion

Dependent on the application, the filter is furnished with a Fike explosion panel

Dust discharge

Dustcontainer/-cone, manually operated butterfly discharge valve or a gravity discharge valve or rotary valve

Sundries

Electrical switchbox, special support, special surface treatment or colour, stainless steel version, explosion exhaust pipe, suction unit with connection pipe, extended body, cyclone inlet



Kiekens Products B.V.
P.O. Box 99
7600 AB Almelo - NL
tel. +31(0) 546 - 87 15 55
fax +31(0) 546 - 87 19 85
www.kiekens-products.com
info@kiekens-products.com

