Specifications	DM1258	DM12144
Engine power [kW]	2.2	2.2
Underpressure (maximum) [Pa]*	2,150	2,150
Air displacement (maximum) [m³/h]*	1,750	1,750
Power supply [V/Hz]**	400/50	400/50
International Protection rating [IP]	55	55
Protection class	I	I
Electrical connection	10m cable with 5P CEE plug	10m cable with 5P CEE plug
Electrical protection	Engine protection with phase sequence indication	Engine protection with phase sequence indication
Filter cleaning	Manually with crank	Automatic jet-pulse filter cleaning
Filter principle	Folded cloth filter equipped with dirt-repellent coating	Filter cartridges
Filter surface area of primary filter [m²]	5.8	14.4
Average permeability of primary filter	<0.1%	<0.1%
Filter class according to EN60355-2-69	M	M
Filter surface area of HEPA filter [m²]	10	10
Average permeability of HEPA filter	<0.005 %	<0.005%
Filter class according to EN1822	H14	H14
Dust container capacity [L]	120	120
Input diameter [mm]	160	160
Weight [kg]	175	130
Noise level [dB(A)]	75	75
Dimensions L x W x H [mm]	1,009 x 818 x 2,058	1,009 x 818 x 2,342mm
H version with HEPA filter	+330mm	+330mm

* Measured at input ** Other voltages/ frequencies on request



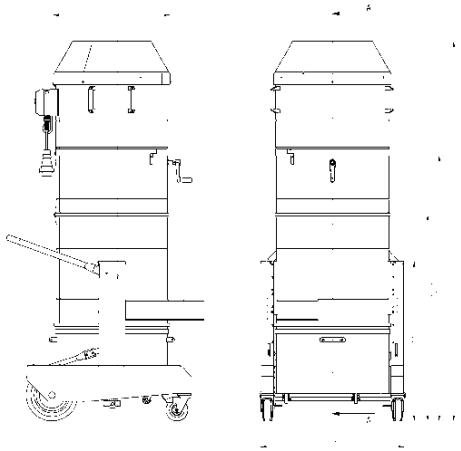




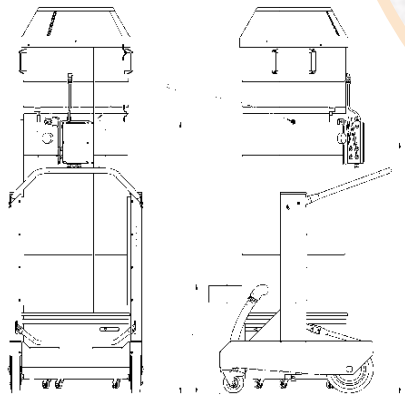


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DM1258



DM12144



ISO 9001 BUREAU VERITAS Certification

CE

KIEKENS PRODUCTS

Kiekens is an international company specialising in the design, supply, installation and maintenance of dust extraction systems, industrial vacuum cleaners and fans. We offer both series produced, as well as customer-specific systems suitable for a wide range of applications.

Kiekens Dustmaster DM1200 series

The Kiekens Dustmaster DM1200 series has been designed to remove (fine) dust quickly and effectively by suction. Thanks to the Kiekens K-series modular concept, the Kiekens Dustmaster DM1200 series has a wide range of applications. For example, as a stationary filter unit connected to a central dust extraction system or as a mobile filter unit for extracting dust at the source. The optional Kiekens suction arm can be used for this. The large sized filter bags of 5.8m² guarantees that capacity is retained for long periods so that work can be continued without any interruptions. During operation the degree of filter contamination is checked using the standard mounted manometer, to determine when the filter has to be cleaned. The filter can be cleaned easily by the ergonomically mounted crank. The dust that is collected is placed in a large mobile 120L dust container which can be fitted with a rubbish bag.

Kiekens suction arm

- 180° work area for the Dustmaster
- Collection cap can be positioned 90° in all directions through ring handgrip
- Adjustable air volume
- Air conductor in collection cap for even suction.
- Range of 2 or 3 metres, depending on model
- External hinges for low air resistance and sound level
- Optional stainless steel model available



Avantages:

- Proven Kiekens technology
- Modular design according to Kiekens K-series concept
- Solid steel construction
- Available in stationary or mobile model
- Only small surface area required
- Large teflon coated bag filter or 14.4m² jet-pulse cleaned cartridge filter
- Standard as dust class “M”, average permeability <0.1%
- Built-in cyclone separator
- Dust transport through large 120L dust container on swivel wheels.
- Reliable and low-maintenance
- Suitable for constant operation (jet-pulse)
- Dutch quality product

Suitable for, for example:

- **Rental companies**
- **Foodstuffs industry**
- **Plastic production**
- **Metal industry**
- **Chemical industry**





Options:

- Mobile or stationary model
- Kiekens suction arm, length 2 or 3 metres
- Automatic filter cleaning
- HEPA filter: 10m² HEPA filter module equipped with pressure difference meter for filter condition monitoring.
- Special surface treatments or materials
- Certified ATEX model for dust (zone 22) and gas (zone 2)
- ATEX model with explosion relief system (only stationary model)







Jet-pulse model:

The DM12144 is suitable for constant operation and high dust concentrations without a reduction in suction strength through the use of large filter cartridges and a single jet-pulse valve for each filter cartridge. The compressed air use is kept to a minimum by using an adjustable filter control with which the correct balance between performance and air usage is always achieved. An optional remote control and dp control can also be connected.