

SEPARATORS

Separators for industrial vacuum solutions



NILFISK

Separators

Separate to save

Separators are containers placed between the vacuum point and the vacuum cleaner, and are the most effective way to vacuum and collect solids or liquids without having to use the container on the vacuum cleaner.

For example, if you need to vacuum large amounts of very fine dust, the separator offers the advantage of collecting almost all the vacuumed dust to prevent clogging the vacuum cleaner filter, guaranteeing a longer working life and consistently high performance from the vacuum cleaner. When vacuuming liquids, there is no risk of getting the filter wet and having to replace it often, for the above reasons.

Separators are added value in all intensive applications, offering immediate benefits, saving time, extending the life of the vacuum cleaner and its components, offering greater operational efficiency, safety and environmental protection.

Nilfisk presents its range of separators designed and developed to meet the maintenance and cleaning requirements of manufacturers all over the world.



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New naming

P/Ns will have a new name, too. It will explain how a separator is made, diameter, type of filter, etc. The speaking description reduces the number of specials in the range and makes the separators more recognisable for a specific request.

Standard naming

MDC 30 46 CO 02 SM

A B C D E F

Acronyms

L100 IDx PBS 2X Z1 EXA SPECIAL

G H I J K L

A. MDC (Mobile dust collectors)

B. Categories

- 10** Container with wheels
- 20** Container without wheels
- 30** Trolley mounted separators
- 41** Pharma cyclones – Mobile
- 42** Pharma cyclones – Fixed
- 43** Basic metal cyclones
- 44** Compact cyclones
- 51** Tilting 1000L
- 52** Tilting 200L
- 54** Tilting 400L

C. Diameters

- 00** No diameter
- 22** D220
- 28** D280
- 30** D300 (only for mobile cyclones)
- 36** D360
- 40** D400
- 46** D460
- 56** D560
- 78** D780

D. Discharge system

- 00** No
- CO** Container (manual discharge)
- LP** New Longopac system
- MC** Manual valve
- TI** Tilting
- SP** Special

E. Filter type

- 00** No
- 01** Bag filter
- 02** Star filter
- 03** Cartridges
- 04** Cap with cyclone
- 05** Cyclone
- 06** Special configuration for high temperature material
- 07** R model
- 08** Cap with cyclone – special
- 09** Special

F. Filter cleaning system

- 00** No
- CA** Cartridge Kit
- PS** Electro-pneumatic shaker
- SM** Manual filter shaker
- SP** Special

G. Container capacity*

H. D of special inlets*

I. Features

J. Material

K. Atex

L. Special variant

* these 2 acronyms are present if the capacity and inlets diameters differ from the standard



Container with wheels

Ideal for vacuuming and collecting solids, liquids or sludge. Generally used with medium and small machines.

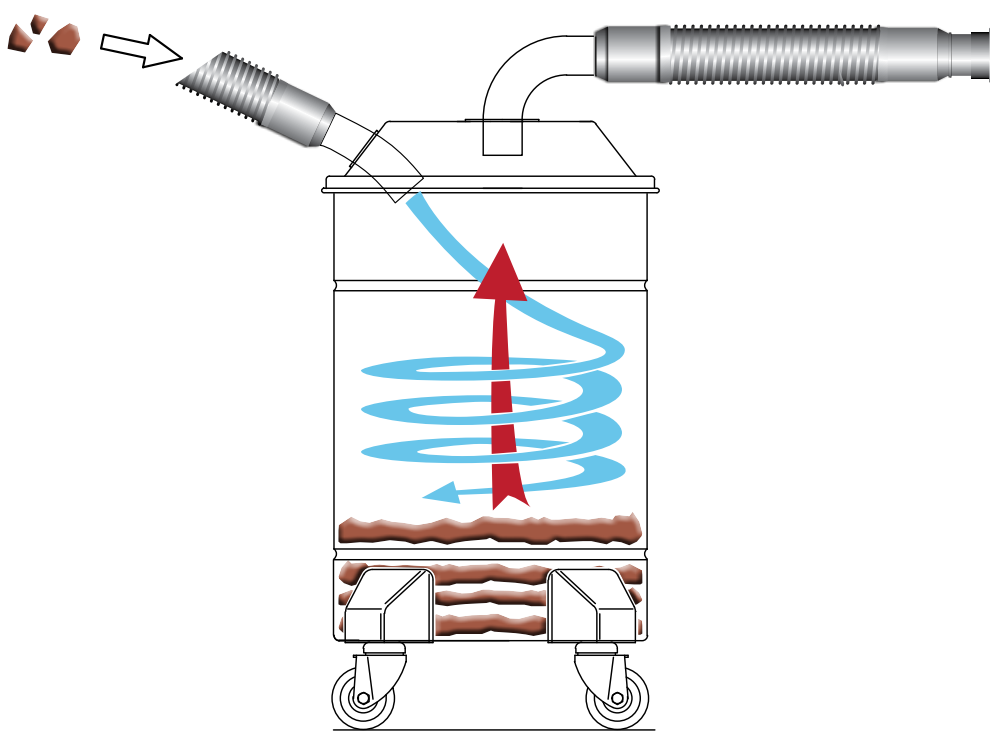


Old code	Z7 22104	Z7 22106	4072200441	Z7 22348	4072200441	Z7 22105
New code	4072600002	4072600007	4072600008	4072600003	4072600122	4072600011
Description	MDC1036CO0000	MDC1036CO0000 X	MDC1036CO0000 Z1 EXA	MDC1036CO0000 ID40 X	MDC1036CO0000 Z22	MDC1046CO0000
Diameter (mm)	360	360	360	360	360	460
Material	Iron Grey RAL 7001	Brushed steel AISI 304	Brushed steel AISI 304	Brushed steel AISI 304	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L50	L50	L50	L50	L50	L100
Inlet/outlet (Ø)	50/50	50/50	50/50	40/40	50/50	50/50
Filter	No filter	No filter	No filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids
Type of lid	1 connector on the top and 1 connector on the inclined side	2 connectors on the top	2 connectors on the top	2 connectors on the top	2 connectors on the top	1 connector on the top and 1 connector on the inclined side
Suitable for ATEX applications	No	No	Z1 EXA **	No	Z22 (CD variant)	No
Other features	-	-	-	-	-	-
Example (drawing)	1	2	2	2	2	1

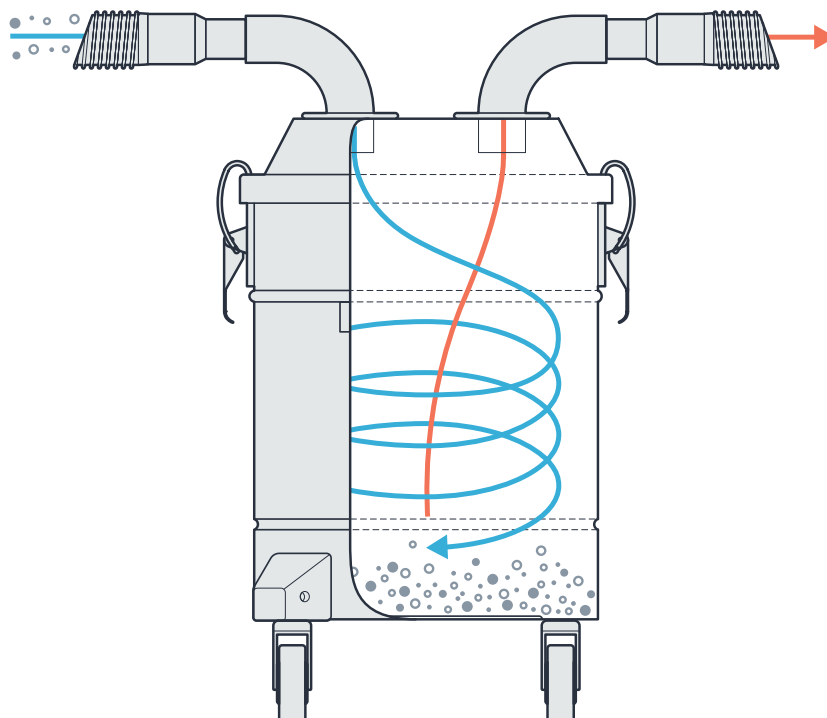
** Z1 EXA it covers Z1/21/2/22

Old code	Z7 22107	ZS07GE22157	Z7 22108	Z7 22152	Z7 22290
New code	4072600019	4072600014	4072600033	4072600034	4072600037
Description	MDC1046CO0000 X	MDC1046CO0000 ID70	MDC1056CO0000 ID50	MDC1056CO0000 ID70	MDC1056CO0000 ID70 X
Diameter (mm)	460	460	560	560	560
Material	Brushed steel AISI 304	Iron Grey RAL 7001	Iron Grey RAL 7001	Iron Grey RAL 7001	Brushed steel AISI 304
Approx capacity (L)	L100	L100	L175	L175	L175
Inlet/outlet (Ø)	50/50	70/70	50/50	70/70	70/70
Filter	No filter	No filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids	Dust, liquids, solids
Type of lid	2 connectors on the top	2 connectors on the top	2 connectors on the top	2 connectors on the top	2 connectors on the top
Suitable for ATEX applications	No	No	No	No	No
Other features	-	-	-	-	-
Example (drawing)	2	2	2	2	2

Example 1



Example 2



Container with wheels + plastic bag (PBS)

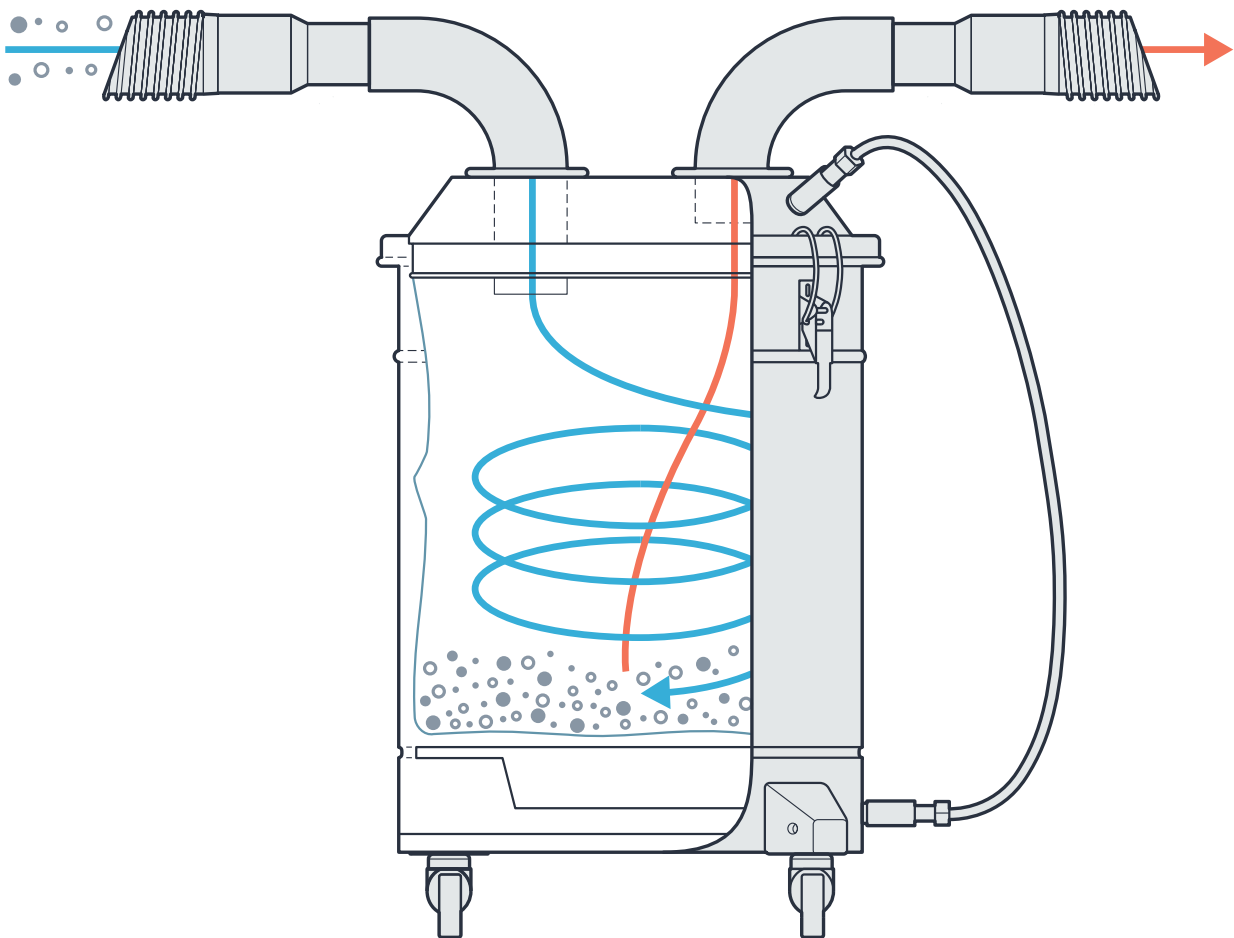
Ideal for vacuuming and collecting dust or solids in a polyethylene bag.



Old code	ZS07L022041	4072200546	4072200416
New code	4072600015	4072600036	4072600035
Description	MDC1046C00000 ID70 PBS	MDC1056C00000 ID70 PBS	MDC1056C00000 ID70 PBS Z1 EXA
Diameter (mm)	460	560	560
Material	Iron grey RAL 7001	Brushed steel AISI 304	Brushed steel AISI 304
Approx capacity (L)	L100	L175	L175
Inlet/outlet (Ø)	70/70	70/70	70/70
Filter	No filter	No filter	Antistatic bag
Suitable for vacuuming	Dust, liquids	Dust, liquids	Dust, liquids
Type of lid	2 connectors on the top	2 connectors on the top	2 connectors on the top
Suitable for ATEX applications	No	No	Z1 EXA **
Other features	PBS (+ polyethylene bag Z8 40100)	PBS (+ polyethylene bag Z8 40100)	PBS (+ conductive bag 4084001340)
Example (drawing)	3	3	3

** Z1 EXA it covers Z1/21/2/22

Example 3



Container with wheels and bag filter

Dedicated variants with bag filter inside to have a filter element inside a compact container. Please consider that the inlet in the container will reduce the capacity of the separator.

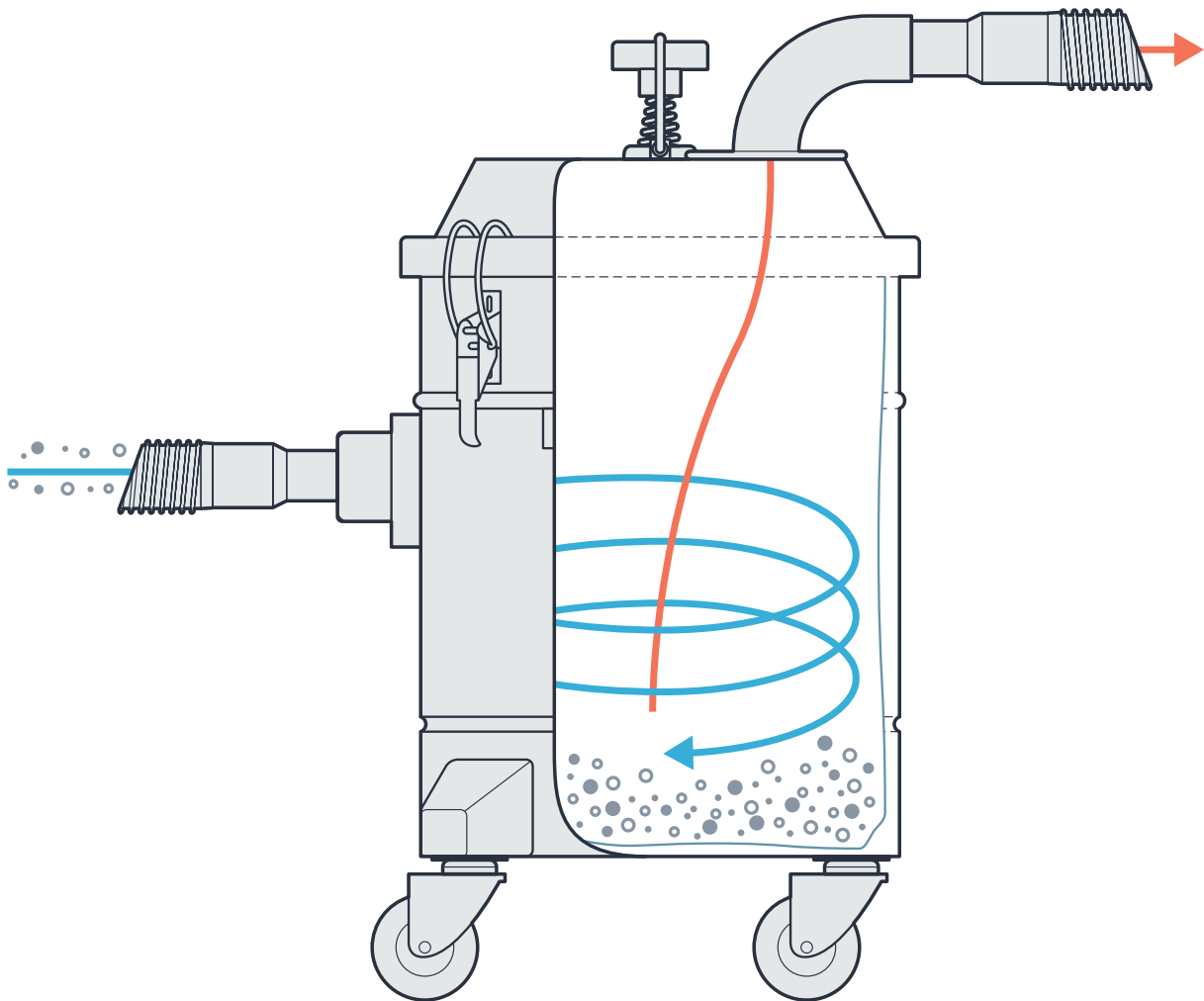


Old code	4072200682	4072200736	4083000439
New code	4072600009	4072600010	4072600116
Description	MDC1036CO01SM L20 X	MDC1036CO01SM L20 Z1 EXA	MDC1036CO01SM X ID40
Diameter (mm)	360	360	360
Material	Brushed steel AISI 304	Brushed steel AISI 304	Brushed steel AISI 304
Approx capacity (L)	L20	L20	L20
Inlet/outlet (Ø)	50/50	50/50	40/40
Filter	Bag filter (Z8 17039)	Bag filter (Z8 17152)	Bag filter (Z8 17039)
Suitable for vacuuming	Dust	Dust	Dust
Type of lid	1 connector on the top and 1 inlet	1 connector on the top and 1 inlet	1 connector on the top and 1 inlet
Suitable for ATEX applications	No	Z1 EXA **	No
Other features	-	-	-
Example (drawing)	4	4	4

** Z1 EXA it covers Z1/21/2/22

Old code	4083000980	4083000964
New code	4072600016	4072600017
Description	MDC1046CO01SM ID70 X	MDC1046CO01SM ID70/50 X
Diameter (mm)	460	460
Material	Brushed steel AISI 304	Brushed steel AISI 304
Approx capacity (L)	L50	L50
Inlet/outlet (Ø)	70/70	70/50
Filter	Bag filter (Z8 17041)	Bag filter (Z8 17041)
Suitable for vacuuming	Dust	Dust
Type of lid	1 connector on the top and 1 inlet	1 connector on the top and 1 inlet
Suitable for ATEX applications	No	No
Other features	-	-
Example (drawing)	4	4

Example 4



Container with wheels and cyclone

Ideal for vacuuming and collecting light and dusty materials. The cyclone effect of the Lid mini-separator system deposits the material on the bottom of the separator. Generally used with medium and small machines.



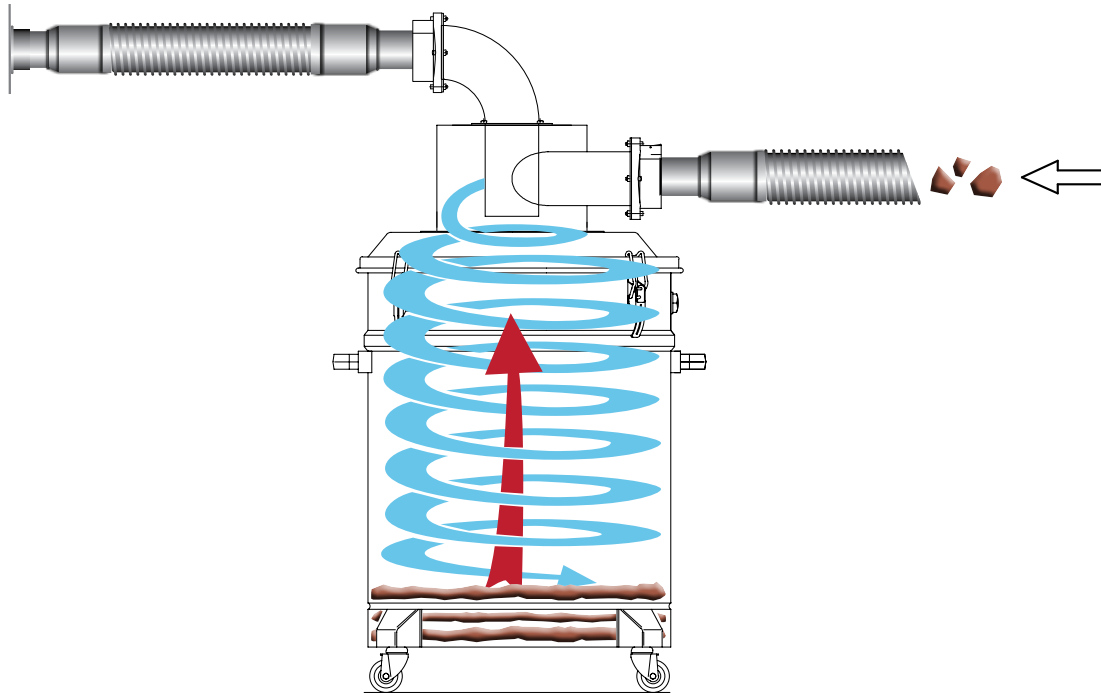
Old code	Z7 22305	Z7 22340	Z7 22306	Z7 22311
New code	4072600021	4072600022	4072600038	4072600041
Description	MDC1046C00400	MDC1046C00400 X	MDC1056C00400	MDC1056C00400 Z1 EXA
Diameter mm	460	460	560	560
Material	Iron Grey RAL 7001	Brushed steel AISI 304	Iron Grey RAL 7001	Brushed steel AISI 304
Approx capacity (L)	L100	L100	L175	L175
Inlet/outlet (Ø)	100/100	100/100	100/100	100/100
Filter	No filter	No filter	No filter	No filter
Suitable for vacuuming	Dust	Dust	Dust	Dust
Type of lid	Lid with cyclone	Lid with cyclone	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	No	No	No	Z1 EXA **
Other features	-	-	-	-
Example (drawing)	5	5	5	5

Old code	*	4072200829	4072200680
New code	4072600123	4072600039	4072600051
Description	MDC1056C00400 Z22	MDC1056C00400 GV Z1 EXA	MDC1056C00800 Z1 EXA
Diameter mm	560	560	560
Material	Brushed steel AISI 304	Brushed steel AISI 304	Brushed steel AISI 304
Approx capacity (L)	L175	L175	L200
Inlet/outlet (Ø)	100/100	100/100	100/100
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust	Dust	Dust
Type of lid	Lid with cyclone	Lid with cyclone	Lid with special cyclone (increased efficiency)
Suitable for ATEX applications	Z22 (CD variant)	Z1 EXA **	Z1 EXA **
Other features	-	GV	-
Example (drawing)	5	5	6

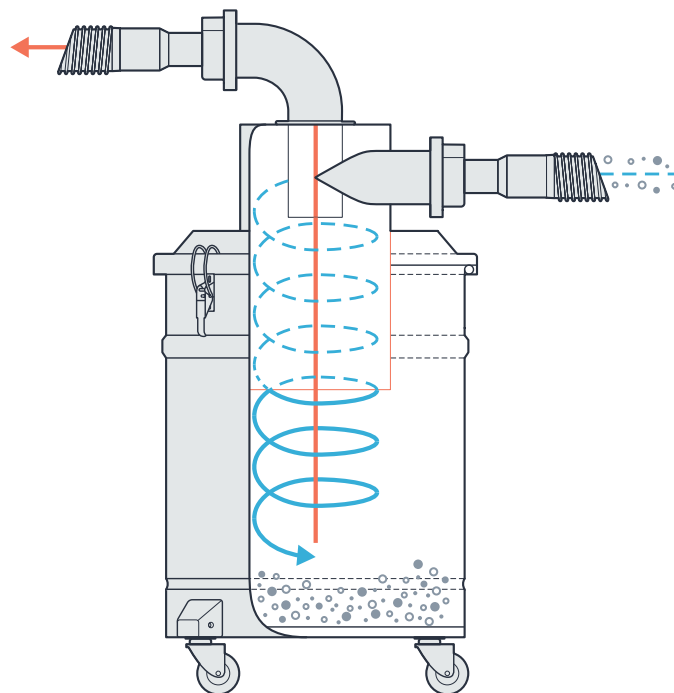
* Not existing in the old range – New variant

** Z1 EXA it covers Z1/21/2/22

Example 5



Example 6



Container with wheels and cyclone for hot substances

Ideal for vacuuming and collecting hot substances.

The material is cooled when it comes into contact with the water in the container. This water immersion system may be suitable for certain applications with dusty materials. Generally used with medium and small machines. Please note that it is not the same concept as Immersion separator.



Old code	ZS07IC22004	ZS07RA22211	4072200786
New code	4072600023	4072600025	4072600024
Description	MDC1046CO0600	MDC1046CO0600 ID70	MDC1046CO0600 GV
Diameter (mm)	460	460	460
Material	Iron Grey RAL 7001	Iron Grey RAL 7001	Iron Grey RAL 7001
Approx capacity (L)	L100	L100	L100
Inlet/outlet (Ø)	50/50	70/70	50/50
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	2 connectors on the top	2 connectors on the top	2 connectors on the top
Suitable for ATEX applications	No	No	No
Other features	-	-	GV
Example (drawing)	7	9	8

Old code	ZS07IC22004X	ZS07ET22205	4072200803
New code	4072600030	4072600026	4072600028
Description	MDC1046CO0600 X	MDC1046CO0600 ID70 X	MDC1046CO0600 Special
Diameter (mm)	460	460	460
Material	Brushed steel AISI 304	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L100	L100	L100
Inlet/outlet (Ø)	50/50	70/70	70/70
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	2 connectors on the top	2 connectors on the top	2 connectors on the top
Suitable for ATEX applications	No	No	No
Other features	-	-	Longer conveyor, external visual control, inlets on connections
Example (drawing)	9	9	9

Container with wheels and cyclone for hot substances

Ideal for vacuuming and collecting hot substances.

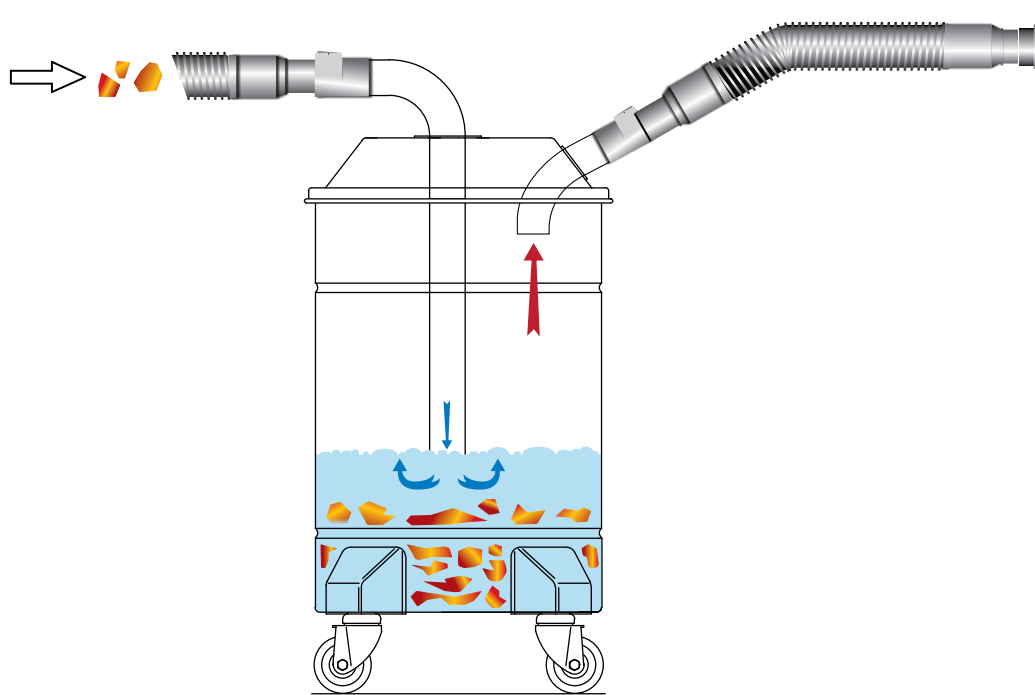
The material is cooled when it comes into contact with the water in the container. This water immersion system may be suitable for certain applications with dusty materials. Generally used with medium and small machines. Please note that it is not the same concept as Immersion separator.



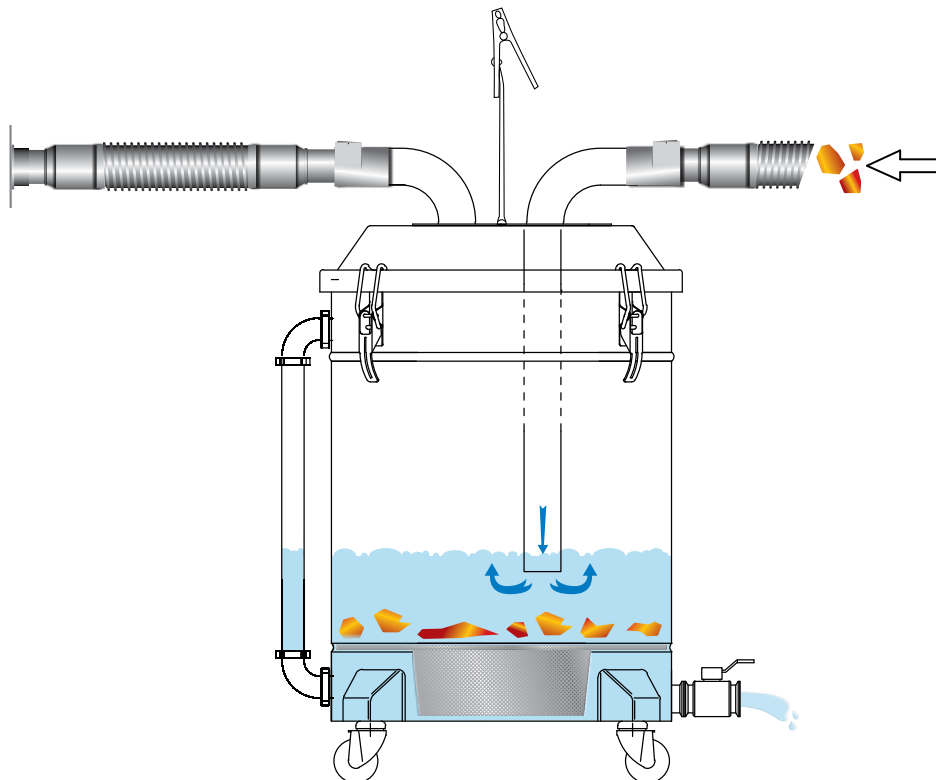
Old code	ZS07R022139	4072200433	ZS07B022194
New code	4072600029	4072600027	4072600042
Description	MDC1046CO0600 SPECIAL	MDC1046CO0600 SPECIAL	MDC1056CO0600
Diameter (mm)	460	460	560
Material	Brushed steel AISI 304	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L100	L100	L175
Inlet/outlet (Ø)	50/50	50/50	100/100
Filter	Polyurethane anti-foam filter 10PP (2X Z8 17591)	Polyurethane anti-foam filter 10PP (2X Z8 17591)	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	2 connectors on the top	2 connectors on the top	2 connectors on the top
Suitable for ATEX applications	No	No	No
Other features	GV and external visual control. Ball valve at the top of the container for filling the liquid	2x GV and external visual control	-
Example (drawing)	8	8	9

Old code	ZS07NJ22151	ZS07LO22196	ZS07B022208
New code	4072600043	4072600044	4072600111
Description	MDC1056CO0600 ID70	MDC1056CO0600 ID70 X	MDC5256TI0600 GV
Diameter (mm)	560	560	560
Material	Iron Grey RAL 7001	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L175	L175	L200
Inlet/outlet (Ø)	70/70	70/70	70/70
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	2 connectors on the top	2 connectors on the top	2 connectors on the top
Suitable for ATEX applications	No	No	No
Other features	-	-	-
Example (drawing)	9	9	10

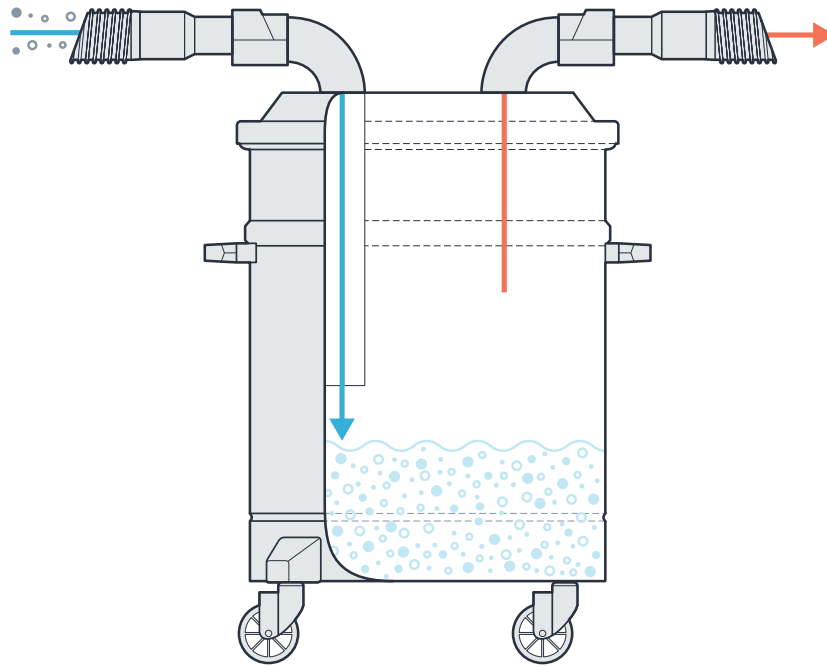
Example 7



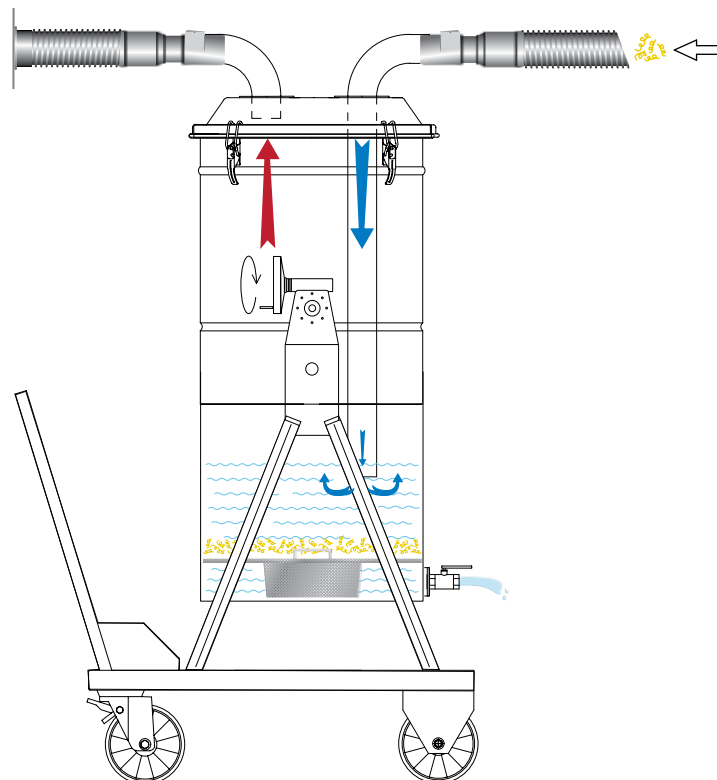
Example 8



Example 9



Example 10



Container with wheels

– R models for trims

Ideal for vacuuming and collecting trims waste from packaging processes (for scraps, trims and textile material). Normally used with R models for duplicate waste collection in nylon bags to avoid interruptions in the work cycle.

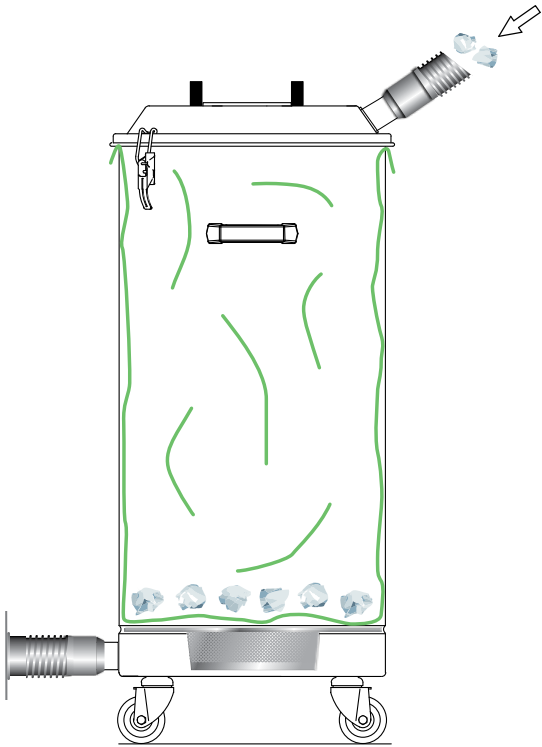


Old code	4072200402	4072200865	ZS07BA22005
New code	4072600048	4072600120	4072600049
Description	MDC1056C00700 ID50/70	MDC1056C00700 ID70	MDC1056C00700 SPECIAL
Diameter mm	560	560	560
Material	Iron white RAL 9003	Iron white RAL 9003	Iron white RAL 9003
Approx capacity (L)	L200	L200	L200
Inlet/outlet (Ø*)	50/70	70/70	70/100
Filter	Nylon filter (Z8 17243)	Nylon filter (Z8 17243)	Polyester filter (ZS08GA17004)
Suitable for vacuuming	Scraps, solids	Scraps, solids	Scraps, solids
Type of lid*	R lid with integrated connection + locking hooks for the lid	R lid with integrated connection + locking hooks for the lid	R lid with curved connection
Suitable for ATEX applications	No	No	No
Other features	-	-	Polyester filter
Example (drawing)	11	11	11

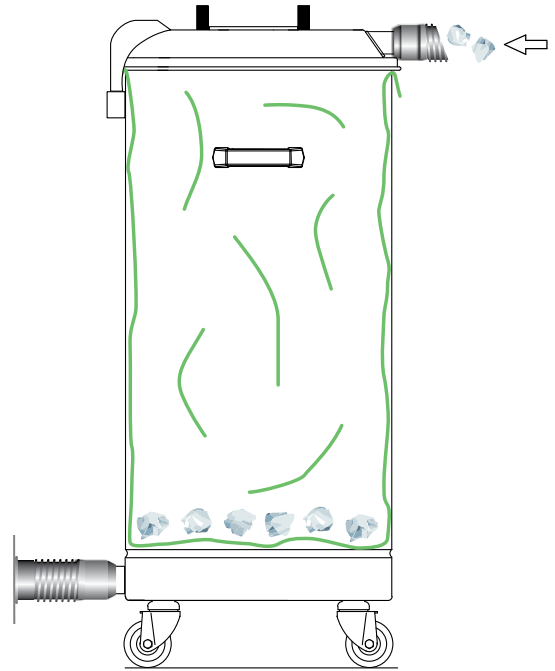
Old code	ZS07HE22114	ZS07AP22160	ZS07EC22064
New code	4072600046	4072600050	4072600099
Description	MDC1056C00700 ID100 X	MDC1056C00700 SPECIAL	MDC3078C00700 FM
Diameter mm	560	560	780
Material	Brushed steel AISI 304	Iron white RAL 9003	Iron white RAL 9003
Approx capacity (L)	L200	L200	L700
Inlet/outlet (Ø*)	100/100	100/100	100/100
Filter	Nylon filter (Z8 17243)	Nylon filter (Z8 17243)	Antistatic polyester big bag (ZS08EC17036)
Suitable for vacuuming	Scraps, solids	Scraps, solids	Scraps, solids
Type of lid*	R lid with integrated connection	R lid with integrated connection + hinges	R lid with integrated connection + hinges
Suitable for ATEX applications	No	No	No
Other features	-	- Lid with hinges - Perforated container	Trolley mounted
Example (drawing)	11	12	13

* Inlet is always on the lid for R models

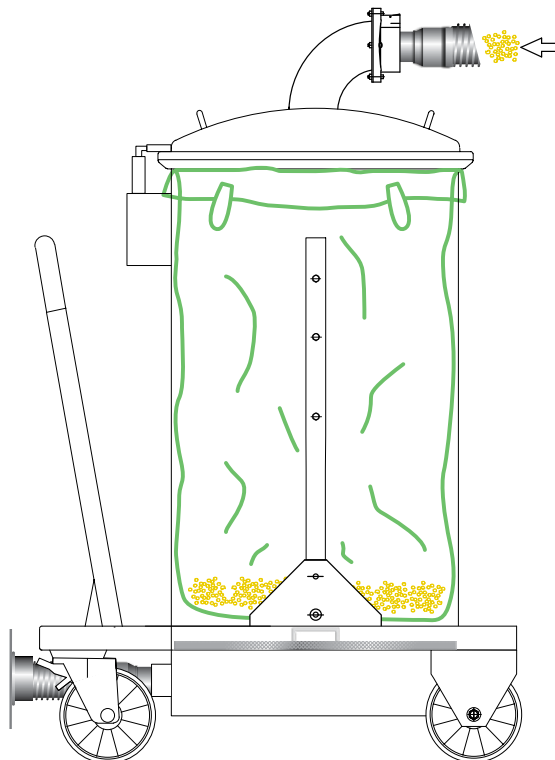
Example 11



Example 12



Example 13



Container with wheels for liquids

Ideal for vacuuming and collecting liquids.

Mechanical stop systems block the vacuum while the liquid is drained through manual valves. Grills inside the tank separate the debris or shavings from the liquid, which can then be drained. Various power settings can be used depending on the size, capacity and quantity of material to be vacuumed.

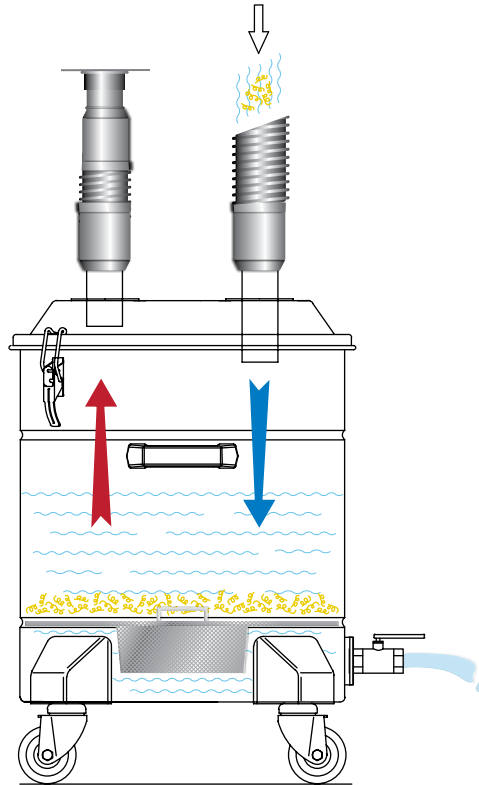


Old code	4072200806	4072200792
New code	4072600005	4072600013
Description	MDC1036C00000 SPECIAL	MDC1046C00000 GV L Z1 EXA
Diameter (mm)	360	460
Material	Iron Grey RAL 7001	Iron Grey RAL 7001
Approx capacity (L)	L50	L100
Inlet/outlet (Ø)	50/50	50/50
Filter	No filter	No filter
Suitable for vacuuming	Liquids	Liquids
Type of lid	1 connector on top + 1 connector on the inclined side	2 connectors on the top
Suitable for ATEX applications	No	Z1 EXA **
Other features	GV and external visual control	GV, Liquids mechanical stop
Example (drawing)	14	14

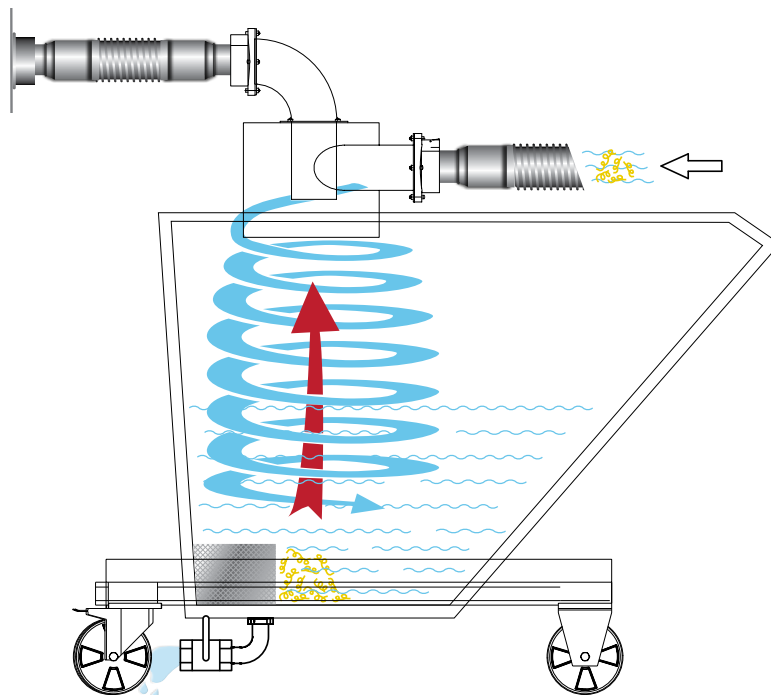
** Z1 EXA it covers Z1/21/2/22

Old code	ZS07GE22153	ZS07EC22142
New code	4072600032	4072600113
Description	MDC1056C00000 GV X	MDC5400TI0400 GV
Diameter (mm)	560	No
Material	Brushed steel AISI 304	Iron orange RAL 2004
Approx capacity (L)	L175	L400
Inlet/outlet (Ø)	100/100	100/100
Filter	No filter	No filter
Suitable for vacuuming	Liquids	Liquids
Type of lid	With 2 straight connectors	Lid with cyclone
Suitable for ATEX applications	No	No
Other features	GV	-
Example (drawing)	14	15

Example 14



Example 15



Container without wheels (Filter chambers)

Provides better separation and increased filtration efficiency of the material, and also for collection of the material between the point of vacuuming and the vacuum cleaner itself. Ensures integrity of the container on the vacuum cleaner, and guarantees the efficiency of the primary filter.



Old code	Z8 30041	Z8 30046	Z8 30042	Z8 30042 A
New code	4072600052	4072600053	4072600054	4072600055
Description	MDC2022CO0100	MDC2022CO0100 X	MDC2028CO0100	MDC2028CO0100 AU
Diameter (mm)	220	220	280	280
Material	Iron white RAL 9003	Brushed steel AISI 304	Iron white RAL 9003	Iron white RAL 9003
Approx capacity (L)	L2	L2	L8	L8
Inlet/outlet (Ø)	40/40	40/40	40/40	40/40
Filter	Bag filter (Z8 17036)	Bag filter (Z8 17036)	Bag filter (Z8 17034)	Bag filter (Z8 17034) + absolute filter (Z8 17262)
Suitable for vacuuming	Small amounts of dust	Small amounts of dust	Small amounts of dust	Small amounts of dust
Type of lid	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet
Suitable for ATEX applications	No	No	No	No
Other features	-	-	-	Absolute filter
Example (drawing)	16	16	16	16

Old code	Z8 30190 A	Z8 30047	Z8 30047 A	Z8 30043 B
New code	4072600056	4072600059	4072600057	4072600061
Description	MDC2028CO0100 AU DS	MDC2028CO0100 X	MDC2028CO0100 AU X	MDC2036CO01SM
Diameter (mm)	280	280	280	360
Material	Iron white RAL 9003	Brushed steel AISI 304	Brushed steel AISI 304	Iron white RAL 9003
Approx capacity (L)	L8	L8	L8	L15
Inlet/outlet (Ø)	40/40	40/40	40/40	50/50
Filter	Bag filter (Z8 17034) + absolute filter (Z8 17262)	Bag filter (Z8 17034)	Bag filter (Z8 17034) + absolute filter (Z8 17262)	Bag filter (40000379)
Suitable for vacuuming	Small amounts of dust	Small amounts of dust	Small amounts of dust	Small amounts of dust
Type of lid	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet
Suitable for ATEX applications	No	No	No	No
Other features	Absolute filter & suitable for paper bag (81585000)	-	Absolute filter	-
Example (drawing)	16	16	16	16

Container without wheels (Filter chambers)

Provides better separation and increased filtration efficiency of the material, and also for collection of the material between the point of vacuuming and the vacuum cleaner itself. Ensures integrity of the container on the vacuum cleaner, and guarantees the efficiency of the primary filter.



Old code	4083000565	4083001088	Z8 30043 BA	Z8 30043
New code	4072600117	4072600118	4072600062	4072600065
Description	MDC2036C001SM ID70	MDC2036C001SM ID40	MDC2036C00100 AU	MDC2036C001SM R7001
Diameter (mm)	360	360	360	360
Material	Iron white RAL 9003	Iron white RAL 9003	Iron white RAL 9003	Iron Grey RAL 7001
Approx capacity (L)	L15	L15	L15	L15
Inlet/outlet (Ø)	70/70	40/40	50/50	50/50
Filter	Bag filter (40000379)	Bag filter (40000379)	Bag filter (40000379) + absolute filter (Z8 17262)	Bag filter (40000379)
Suitable for vacuuming	Small amounts of dust	Small amounts of dust	Small amounts of dust	Small amounts of dust
Type of lid	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet
Suitable for ATEX applications	No	No	No	No
Other features	-	-	Absolute filter	-
Example (drawing)	16	16	16	16

Old code	Z8 30048	Z8 30048 A	Z8 30269 A	Z8 30044
New code	4072600066	4072600064	4072600063	4072600070
Description	MDC2036C001SM X	MDC2036C00100 AU X	MDC2036C00100 AU DS X	MDC2046C001SM ID70/50 R7001
Diameter (mm)	360	360	360	460
Material	Brushed steel AISI 304	Brushed steel AISI 304	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L15	L15	L15	L50
Inlet/outlet (Ø)	50/50	50/50	50/50	70/50
Filter	Bag filter (40000379)	Bag filter (40000379) + absolute filter (Z8 17262)	Bag filter (40000379) + absolute filter (Z8 17262)	Bag filter (Z8 17041)
Suitable for vacuuming	Small amounts of dust	Small amounts of dust	Small amounts of dust	Small amounts of dust
Type of lid	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet
Suitable for ATEX applications	No	No	No	No
Other features	-	Absolute filter	Absolute filter & suitable for paper bag (81585000)	-
Example (drawing)	16	16	16	16

Container without wheels (Filter chambers)

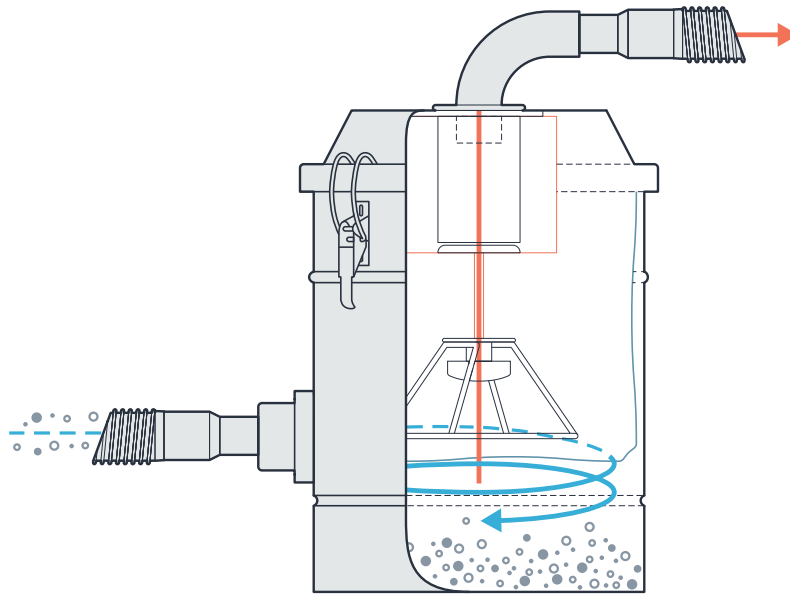
Provides better separation and increased filtration efficiency of the material, and also for collection of the material between the point of vacuuming and the vacuum cleaner itself. Ensures integrity of the container on the vacuum cleaner, and guarantees the efficiency of the primary filter.



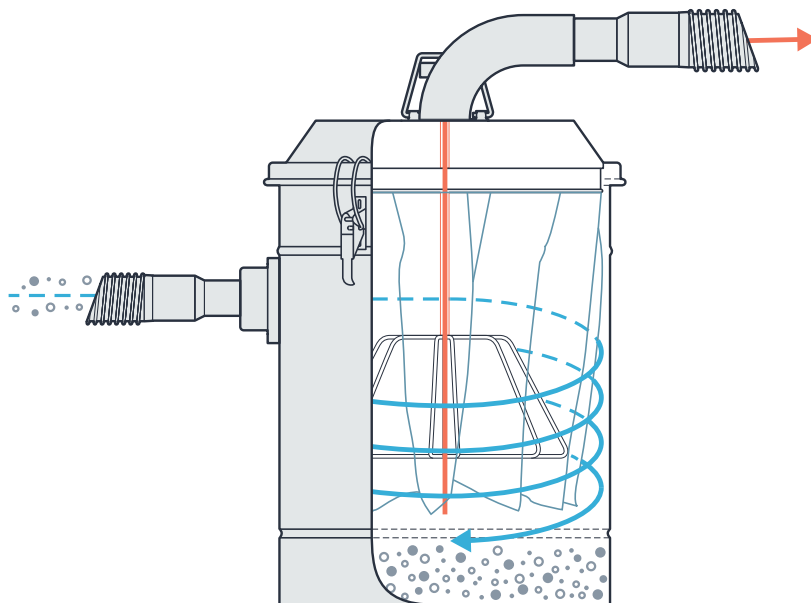
Old code	Z8 30049	Z58 30180	Z58 30182	Z58 30181
New code	4072600071	4072600067	4072600068	4072600072
Description	MDC2046CO01SM ID70/50 X	MDC2036CO02SM	MDC2036CO02SM X	MDC2046CO02SM
Diameter (mm)	460	360	360	460
Material	Brushed steel AISI 304	Iron white RAL 9003	Brushed steel AISI 304	Iron white RAL 9003
Approx capacity (L)	L50	L15	L15	L33
Inlet/outlet (Ø)	70/50	50/50	50/50	70/70
Filter	Bag filter (Z8 17041)	Star filter (40000315)	Star filter (40000315)	Star filter (40000338)
Suitable for vacuuming	Small amounts of dust	Small amounts of dust	Small amounts of dust	Small amounts of dust
Type of lid	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet
Suitable for ATEX applications	No	No	No	No
Other features	-	-	-	-
Example (drawing)	16	17	17	17

Old code	4083001080	Z58 30188	Z58 30187
New code	4072600073	4072600074	4072600075
Description	MDC2046CO02SM ID100 FM AU X	MDC2056CO02SM ID100/70 R7001	MDC2056CO02SM X
Diameter (mm)	460	560	560
Material	Brushed steel AISI 304	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L33	L50	L50
Inlet/outlet (Ø)	100/100	100/70	100/100
Filter	Star filter (Z8 17245) + absolute filter (Z8 17455)	Star filter (40000584)	Star filter (40000584)
Suitable for vacuuming	Small amounts of dust	Small amounts of dust	Small amounts of dust
Type of lid	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet	Lid with 1 curved connection + inlet
Suitable for ATEX applications	No	No	No
Other features	Absolute filter	-	-
Example (drawing)	17	17	17

Example 16



Example 17



Trolley-mounted with cyclone

Ideal for vacuuming material in systems that are frequently moved. Ideal for applications where the material must be unloaded on the ground (belts or containers) using manual valves or a tilting system at the end of the vacuuming cycle. Generally used with medium or high power machines.



Old code	4072200846	4072200793	4072200781
New code	4072600076	4072600077	4072600078
Description	MDC3040C00400 2X	MDC3040C00400 PBS Z1 EXA	MDC3040LP0400 ID70
Diameter (mm)	400	400	400
Material	Brushed steel AISI 304	Brushed steel AISI 304	Iron Grey RAL 7001
Approx capacity (L)	L37	L37	N/A
Inlet/outlet (Ø)	50/50	50/50	70/70
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	Lid with cyclone	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	No	Z1 EXA **	No
Other features	-	PBS	Longopac
Example (drawing)	18	18	19

Old code	4072200821	4072200585	4072200549
New code	4072600080	4072600095	4072600096
Description	MDC3040LP0400 Z1 EXA	MDC3046LP0400	MDC3046LP0400 Z1 EXA ID100
Diameter (mm)	400	460	460
Material	Brushed steel AISI 304	Iron Grey RAL 7001	Brushed steel AISI 304
Approx capacity (L)	N/A	N/A	N/A
Inlet/outlet (Ø)	50/50	100/100	100/100
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	Lid with cyclone	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	Yes	No	Z1 EXA **
Other features	Longopac	Longopac	Longopac
Example (drawing)	19	19	19

* Not existing in the old range – New variant

** Z1 EXA it covers Z1/21/2/22

Trolley-mounted with cyclone

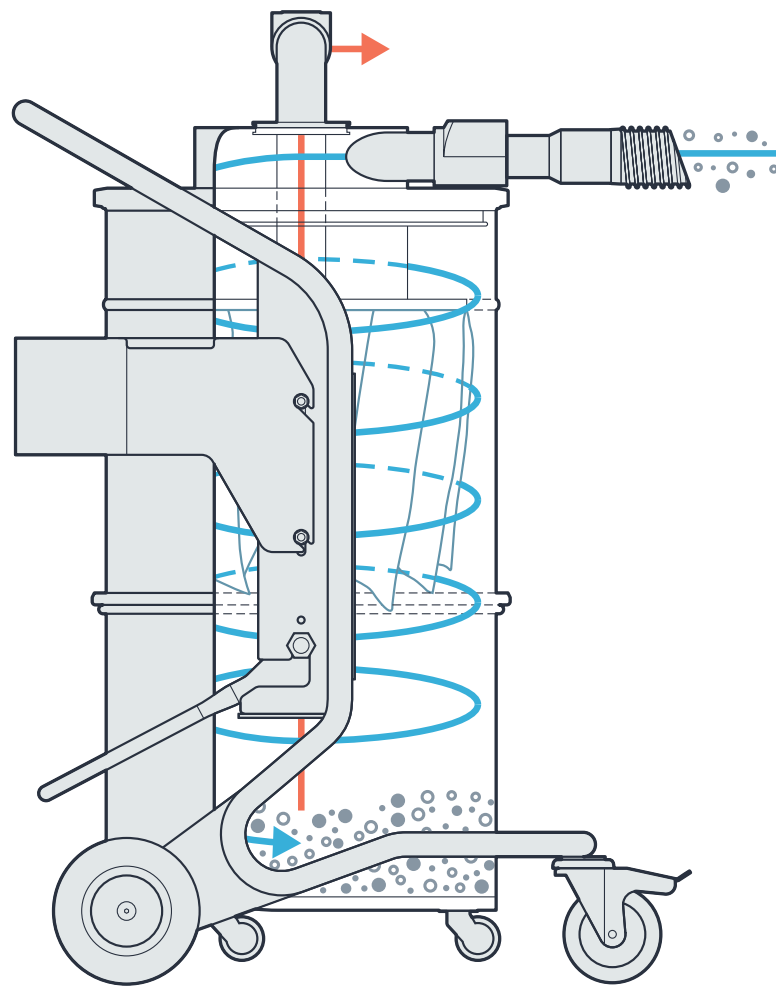
Ideal for vacuuming material in systems that are frequently moved. Ideal for applications where the material must be unloaded on the ground (belts or containers) using manual valves or a tilting system at the end of the vacuuming cycle. Generally used with medium or high power machines.



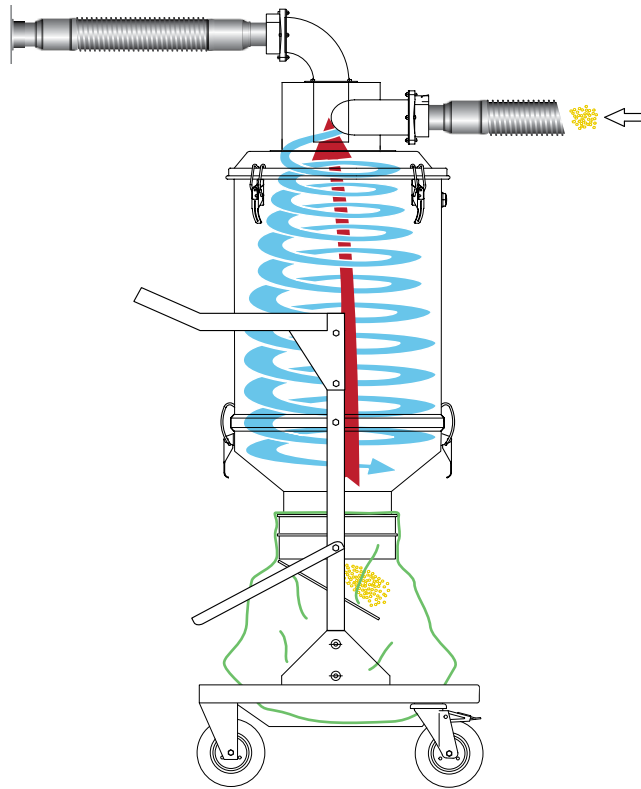
Old code	*	*
New code	4072600124	4072600125
Description	MDC3040LP0400 Z22	MDC3046LP0400 Z22 ID100
Diameter (mm)	400	460
Material	Brushed steel AISI 305	Brushed steel AISI 304
Approx capacity (L)	N/A	N/A
Inlet/outlet (Ø)	50/50	100/100
Filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids
Type of lid	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	Z22 (CD variant)	Z22 (CD variant)
Other features	Longopac	Longopac
Example (drawing)	19	19

Old code	Z8 36404	4072200765
New code	4072600097	4072600098
Description	MDC3056MC0400	MDC3056MC0400 X Z1 EXA
Diameter (mm)	560	560
Material	Iron Grey RAL 7001	Brushed steel AISI 304
Approx capacity (L)	N/A	N/A
Inlet/outlet (Ø)	100/100	100/100
Filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids
Type of lid	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	No	Z1 EXA **
Other features	Slide valve Ø 250	Slide valve Ø 250
Example (drawing)	20	20

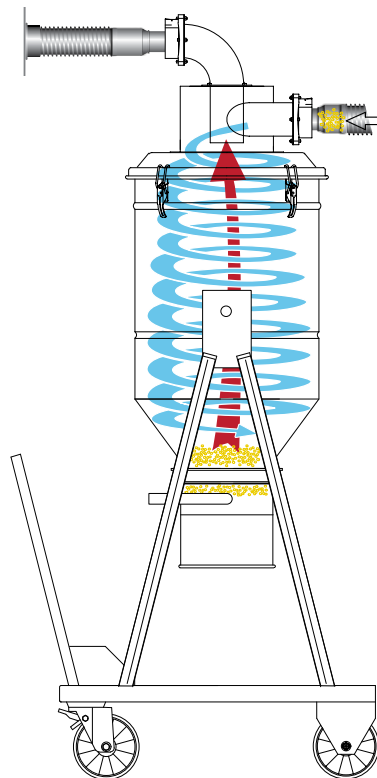
Example 18



Example 19



Example 20



Trolley-mounted with star filter

Ideal for vacuuming material in systems that are frequently moved. Ideal for applications where the material must be unloaded on the ground (belts or containers) using manual valves or a tilting system at the end of the vacuuming cycle. Generally used with medium or high power machines.



Old code	4072200733	4072200525	4072200848
New code	4072600082	4072600085	4072600083
Description	MDC3046C002SM	MDC3046C002SM AU CC	MDC3046C002SM 2X
Diameter (mm)	460	460	460
Material	Iron Grey RAL 7001	Iron Grey RAL 7001	Brushed steel AISI 304
Approx capacity (L)	L100	L100	L100
Inlet/outlet (Ø)	70/70	70/70	70/70
Filter	Star filter (40000338)	Star filter (40000338)	Star filter (40000338)
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	Manual filter shaker	Manual filter shaker	Manual filter shaker
Suitable for ATEX applications	No	No	No
Other features	-	AU CC	-
Example (drawing)	23	23	23

Old code	4072200586	4072200785	4072200744
New code	4072600084	4072600086	4072600087
Description	MDC3046C002SM 2X 316L	MDC3046C002SM L50 FM 3X	MDC3046C002SM PBS 3X
Diameter (mm)	460	460	460
Material	Brushed steel AISI 316L	Brushed steel AISI 304	Brushed steel AISI 304
Approx capacity (L)	L100	L50	L100
Inlet/outlet (Ø)	70/70	70/70	70/70
Filter	Star filter (40000338)	Star filter (40000338)	Star filter (40000338)
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	Manual filter shaker	Manual filter shaker	Manual filter shaker
Suitable for ATEX applications	No	No	No
Other features	-	FM	PBS
Example (drawing)	23	23	21

Trolley-mounted with star filter

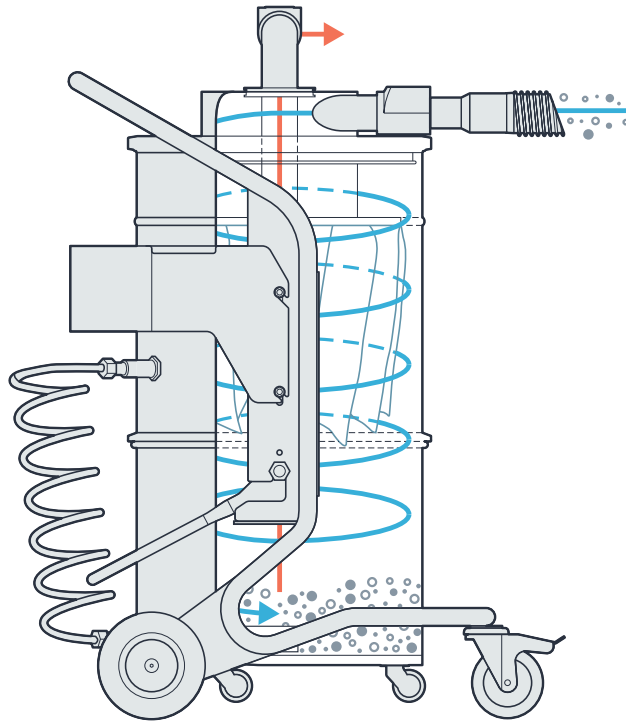
Ideal for vacuuming material in systems that are frequently moved. Ideal for applications where the material must be unloaded on the ground (belts or containers) using manual valves or a tilting system at the end of the vacuuming cycle. Generally used with medium or high power machines.



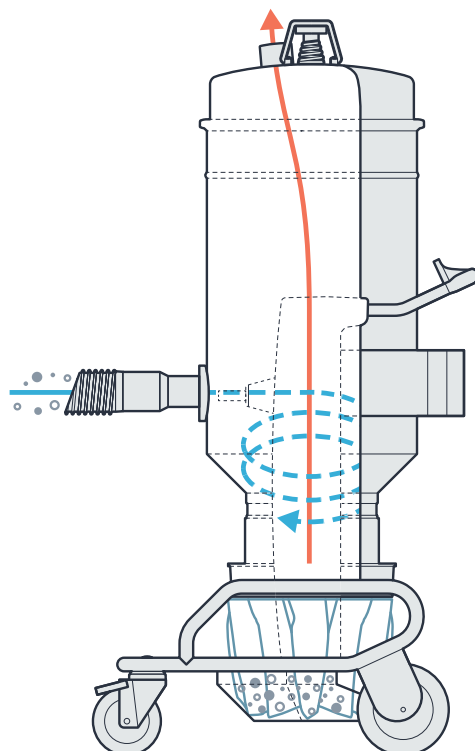
Old code	*	4072200766
New code	4072600119	4072600081
Description	MDC3046C002SM 3X FM GV	MDC3046C002PS FPAT PBS
Diameter (mm)	460	460
Material	Brushed steel AISI 305	Iron Grey RAL 7001
Approx capacity (L)	L100	L100
Inlet/outlet (Ø)	N/A	70/70
Filter	Star filter (40000338)	Star filter (Z8 17555)
Suitable for vacuuming	Dust, solids	Dust, solids
Type of lid	Manual filter shaker	Pneumatic filter shaker
Suitable for ATEX applications	No	No
Other features	FM GV	FP PBS
Example (drawing)	23	21

Old code	4072200752	4072200741
New code	4072600092	4072600091
Description	MDC3046LP02SM FM	MDC3046LP02PS FM
Diameter (mm)	460	460
Material	Iron Grey RAL 7001	Iron Grey RAL 7001
Approx capacity (L)	N/A	N/A
Inlet/outlet (Ø)	70/70	70/70
Filter	Star filter (Z8 17245)	Star filter (Z8 17245)
Suitable for vacuuming	Dust, solids	Dust, solids
Type of lid	Manual filter shaker	Pneumatic filter shaker
Suitable for ATEX applications	No	No
Other features	Longopac	Longopac
Example (drawing)	22	22

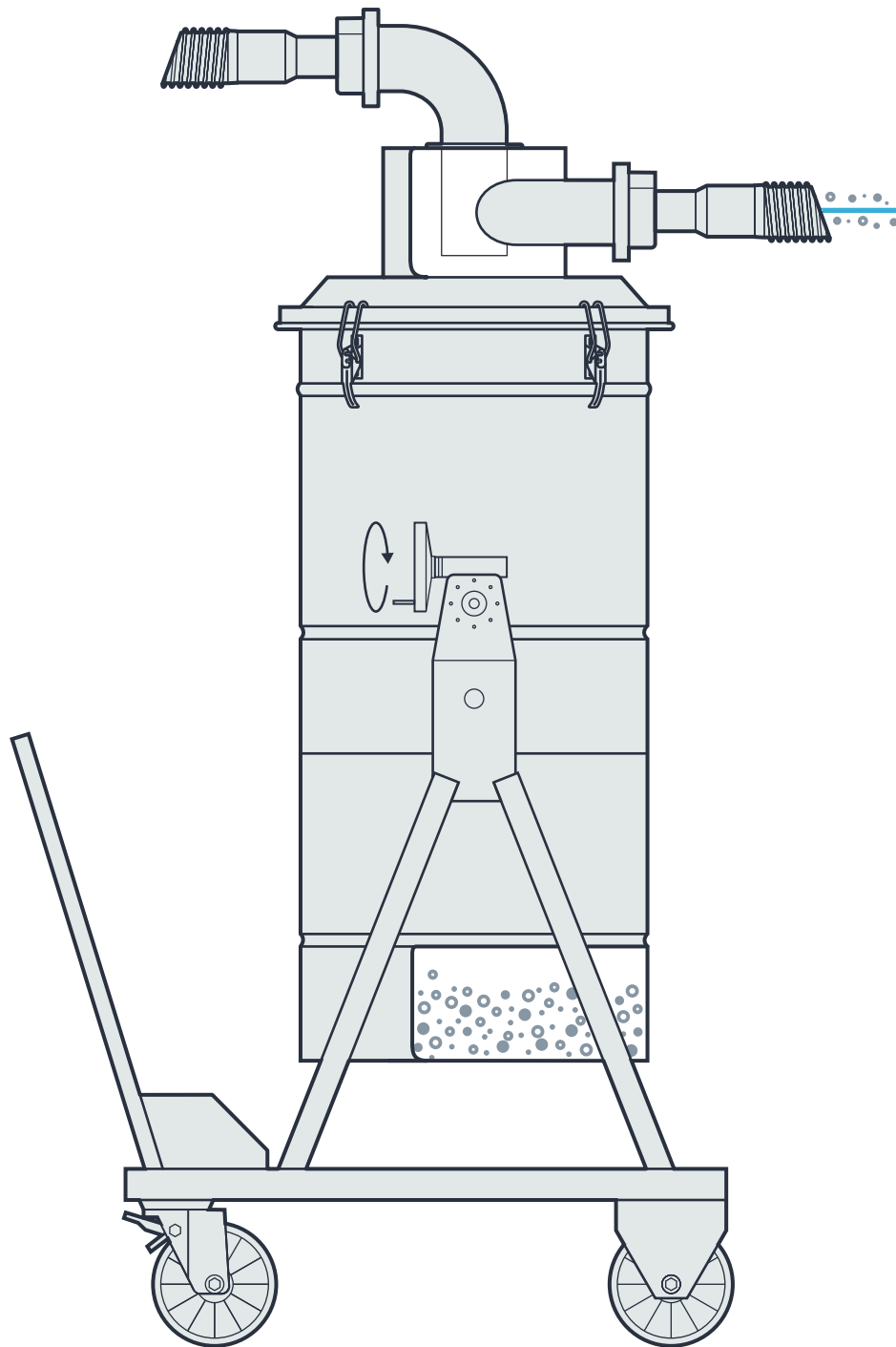
Example 21



Example 22



Example 23



Trolley-mounted with cartridges

Ideal for vacuuming material in systems that are frequently moved. Ideal for applications where the material must be unloaded on the ground (belts or containers) using manual valves or a tilting system at the end of the vacuuming cycle. Generally used with medium or high power machines.

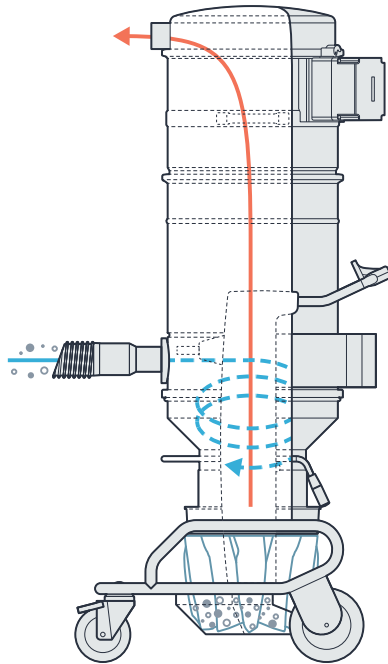


Old code	4072200687	4072200809
New code	4072600094	4072600089
Description	MDC3046LP03CA SPECIAL	MDC3046CO03CA SPECIAL
Diameter (mm)	460	460
Material	Iron Grey RAL 7001	Brushed steel AISI 304
Approx capacity (L)	N/A	L100
Inlet/outlet (Ø)	70/70	70/70
Filter	Cartridges 3x Z8 33140	Cartridges 3x Z8 33258
Suitable for vacuuming	Dust, solids	Dust, solids
Type of lid	Cartridge kit	Cartridge kit
Suitable for ATEX applications	No	No
Other features	Cartridge kit to be managed from the vac. Longopac, GD	Cartridge kit to be managed from the vac.
Example (drawing)	24	25

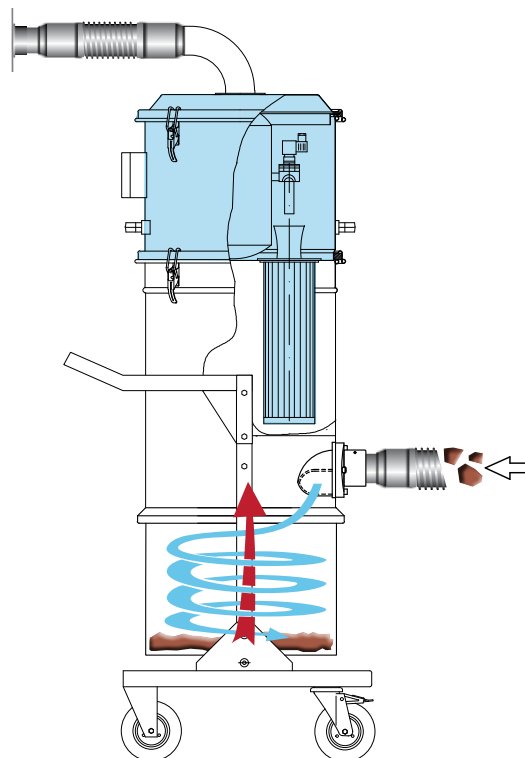
Old code	4072200643	4072200587
New code	4072600090	4072600088
Description	MDC3046CO03CA SPECIAL	MDC3046CO03CA SPECIAL
Diameter (mm)	460	460
Material	Brushed steel AISI 304	Brushed steel AISI 304
Approx capacity (L)	L100	L100
Inlet/outlet (Ø)	70/70	70/70
Filter	Cartridges 3x Z8 33258	Cartridges 3x Z8 33140
Suitable for vacuuming	Dust, solids	Dust, solids
Type of lid	Cartridge kit	Cartridge kit
Suitable for ATEX applications	Yes (Z22 EXA)*	Yes (Z22 EXA)*
Other features	Cartridge kit to be managed from the vac	Cartridge kit to be managed from the vac
Example (drawing)	25	25

* Z1 not applicable due to components present in the cartridge kit

Example 24



Example 25



Tilting separators

Ideal for vacuuming and collecting large amounts of material. It prevents the vacuum cleaner container filling too often, with frequent interruptions in the work cycle. Easy to move with a forklift and easy to empty. Generally used with medium or high power machines.



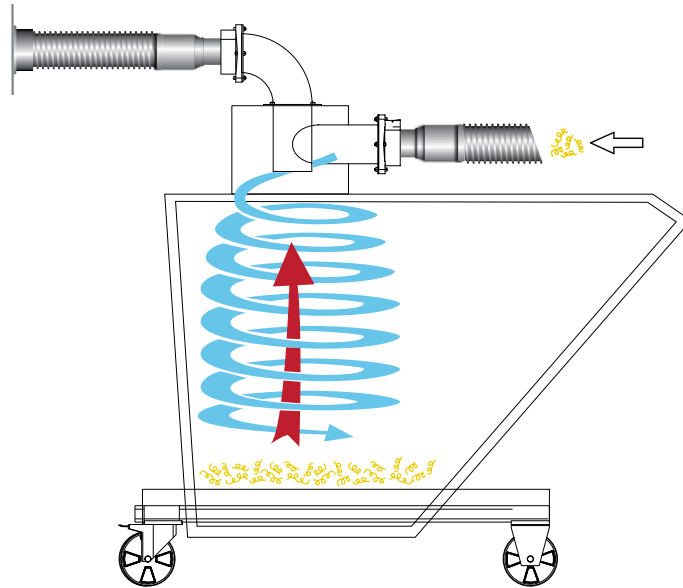
Old code	ZS07GE22042	Z7 22158	*
New code	4072600110	4072600112	4072600126
Description	MDC5256TI0400	MDC5400TI0400	MDC5400TI0400 Z22
Diameter (mm)	560	-	-
Material	Iron Grey RAL 7001	Iron Orange RAL 2004	Brushed steel painted Orange RAL 2004 outside
Approx capacity (L)	200L	400L	L400
Inlet/outlet (Ø)	100/100	100/100	100/100
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	Lid with cyclone	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	No	No	ACD variant
Other features	-	-	-
Example (drawing)	27	26	26

Old code	4072200493	4072200415	4072200594
New code	4072600115	4072600108	4072600109
Description	MDC5400TI0400 Z1 EXA	MDC5100TI0400	MDC5100TI0400 Z1 EXA
Diameter (mm)	-	-	-
Material	Brushed steel painted Orange RAL 2004 outside	Iron Yellow RAL 10003	Brushed steel painted Yellow RAL 1003 outside
Approx capacity (L)	400L	1000L	1000L
Inlet/outlet (Ø)	100/100	100/100	100/100
Filter	No filter	No filter	No filter
Suitable for vacuuming	Dust, solids	Dust, solids	Dust, solids
Type of lid	Lid with cyclone	Lid with cyclone	Lid with cyclone
Suitable for ATEX applications	Z1 EXA **	No	Z1 EXA **
Other features	-	-	-
Example (drawing)	26	27	27

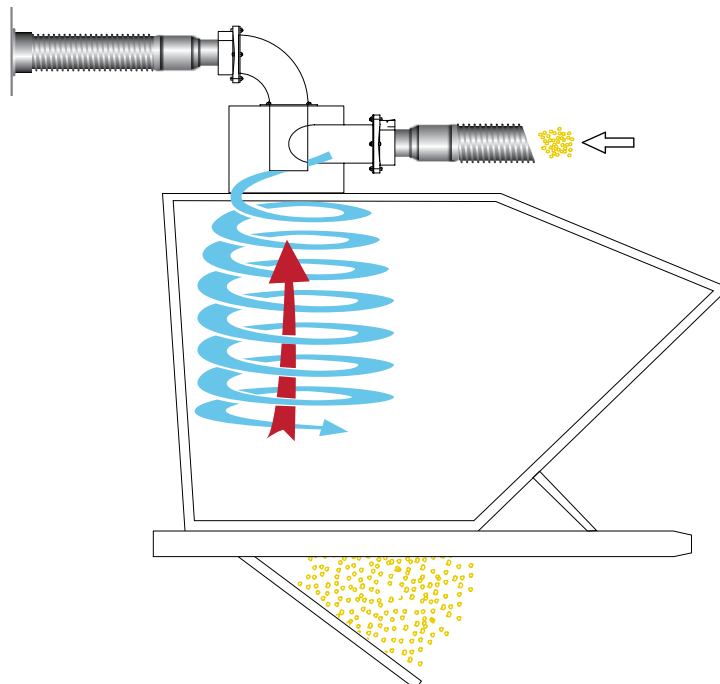
* Not existing in the old range – New variant

** Z1 EXA it covers Z1/21/2/22

Example 26



Example 27



Cyclones

Ideal for vacuuming and collecting liquids.

Cyclones are the right solution in case of very fine dust, and request of very high efficiency – more than 98% in combination with mobile machines. They are used for dedusting, powder recovery (mainly in Pharma segment), resolution of filtration issues, usage in work environment while the suction unit is often in technical room.



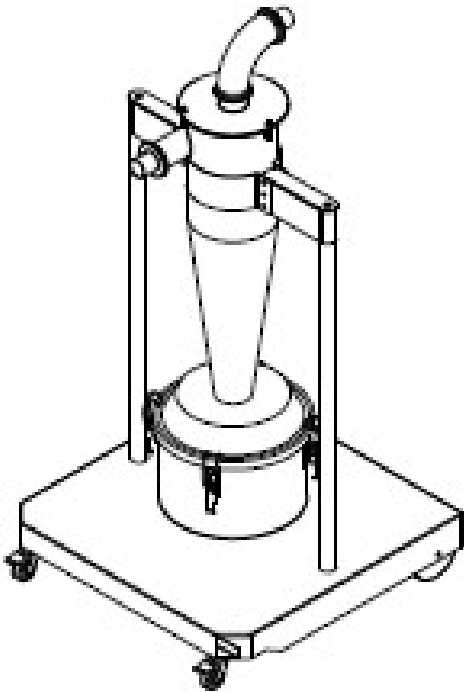
Old code	4072200727	4072200850	4072200623	4072200798
New code	4072600101	4072600104	4072600100	4072600102
Description	F_MDC4122C00500 L24 3X 316L	F_MDC4122C00500 L24 3X 316L Z22	MDC4130C00500 L24 2X	F_MDC4130C00500 L24 2X 316L Z22
Diameter (mm)	Cyclone 220	Cyclone 220	Cyclone 300	Cyclone 300
Material	AISI 316L – Mirror polished both inside and out	AISI 316L – Mirror polished both inside and out	AISI 304 – Mirror polished both inside and out	AISI 316L – Mirror polished both inside and out
Approx capacity (L)	24L (D360)	24L (D360)	24L (D360)	24L (D360)
Inlet/outlet (Ø)	50mm – 3" (To be checked!)	50mm – 3" (To be checked!)	100mm – 4"	100mm – 4"
Filter	No filter	No filter	No filter	No filter
Suitable for vacuuming	-	-	-	-
Type of lid	Long cyclone for pharma	Long cyclone for pharma	Long cyclone for pharma	Long cyclone for pharma
Suitable for ATEX applications	No	Z22	No	Z22
Other features	With SS trolley	With SS trolley	With painted RAL 9003 trolley	With painted RAL 9003 trolley
Application	Pharma	Pharma	Pharma	Pharma
Example (drawing)	28	28	28	28

Old code	Z7 22303	Z7 22319	4072200800	*
New code	4072600105	4072600106	4072600103	4072600121
Description	MDC4222C00500 L10 2X	MDC4222C00500 L24 2X	MDC4322C00500 L50	MDC4422C00000 R7001 L50
Diameter (mm)	Cyclone 220	Cyclone 220	Cyclone 220	Cyclone 220
Material	AISI 304 – Mirror polished both inside and out	AISI 304 – Mirror polished both inside and out	Iron Grey RAL 7001	Iron Grey RAL 7001
Approx capacity (L)	10L (D220)	24L (D360)	50L (D460)	50L (D460)
Inlet/outlet (Ø)	70mm – 3"	70mm – 3"	70mm – 3"	70mm – 3"
Filter	No filter	No filter	No filter	No filter
Suitable for vacuuming	-	-	-	-
Type of lid	Long cyclone for pharma	Long cyclone for pharma	Long cyclone	Compact cyclone
Suitable for ATEX applications	No	No	No	No
Other features	No trolley	No trolley	With painted RAL 7001 trolley	No trolley
Application	Pharma	Pharma	Manufacturing	Manufacturing
Example (drawing)	28	28	29	30

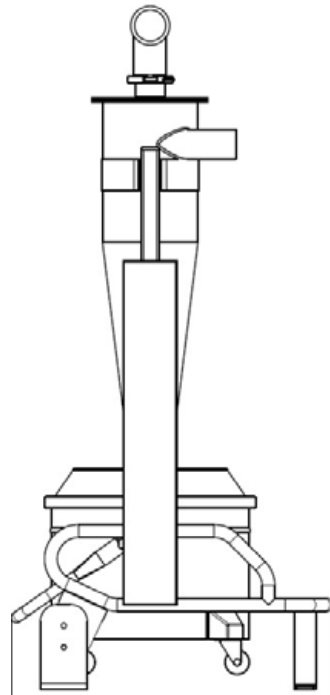
* Not existing in the old range – New variant

** if **F_** is present before the name, the unit is certified for Food and Pharma segments

Example 28



Example 29



Example 30

