

Технические характеристики

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The first filterless high separation unit

The CY202 is the innovative filterless pre-separation unit to be used in combination with DCU220 - DCU220WIP units, and suitable for airflow needs up to 650m3/h.

Available in WIP version with washing of connection pipeline as optional, it separates more than 96% of the dust without any filter element, and thanks to that the maintenance costs are reduced.

All maintenance operations are performed in a totally safe way - incl. collected material discharge with contamination-free dust bag and venting HEPA14 filter replacement - and the unit is classified OEB5 during operation and OEB4 during maintenance.

The unit can be equipped with a wide range of optional devices - like sensors, alarms.

- GMP conformity
- Reduced maintenance costs
- OEB5 during operation, OEB4 during maintenance
- Commissioning, FAT-SAT
- Suitable for Atex and combustible dust (St1, St2)
- Collected material discharge with contamination-free dust bag
- 30L capacity hopper
- Stainless steel AISI316L cyclone
- Wash In Place as optional
- Sensors and alarms as optional
- Ease of use

● Standard equipment



Picture shown may not represent model quoted

Model	CY202
Ref. no.	4072200610

PRODUCT FEATURES

Stainless steel AISI 316L	•
Fix	•
Airflow up to 650 m³/h	•
Optional Wash-in-place	•
Material discharge with contamination-free dust bag	•
Total safe handling and servicing	•

Technical specifications	CY202
Max. airflow (m³/h - l/min.)	650 - 10833
Max. vacuum (kPa - mbar)	25 - 250
Cyclone pre-separation unit efficiency (%)	>96% *using placebo dust (0.97 kg/dm3)
Container capacity (l)	30
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4
Length x width x height (mm)	630x760x2180



The first filterless high separation unit

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	CY202
Hose and Connection				
	KIT TUBE HOLDER 3" CLAMP	4089100833	1	○



The filterless technology meets the highest performances

The CY203 is the innovative filterless pre-separation unit to be used in combination with DCU220 - DCU220WIP units, and suitable for airflow needs up to 1.080m³/h.

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Available in WIP version with washing of connection pipeline as optional, it separates more than 95% of the dust without any filter element, and thanks to that the maintenance costs are reduced.

All maintenance operations are performed in a totally safe way - incl. collected material discharge with contamination-free dust bag and venting HEPA14 filter replacement - and the unit is classified OEB5 during operation and OEB4 during maintenance.

The unit can be equipped with a wide range of optional devices - like sensors, alarms.

- GMP conformity
- Reduced maintenance costs
- OEB5 during operation, OEB4 during maintenance
- Commissioning, FAT-SAT
- Suitable for Atex and combustible dust (St1, St2)
- Collected material discharge with contamination-free dust bag
- 30L capacity hopper
- Stainless steel AISI316L cyclone
- Wash In Place as optional
- Sensors and alarms as optional
- Ease of use

- Standard equipment



Picture shown may not represent model quoted

Model	CY203
Ref. no.	4072200611
PRODUCT FEATURES	
Stainless steel AISI 316L	•
Fix	•
Airflow up to 1080 m ³ /h	•
Optional Wash-in-place	•
Material discharge with contamination-free dust bag	•
Total safe handling and servicing	•
Technical specifications	CY203
Max. airflow (m ³ /h - l/min.)	1080 - 18000
Max. vacuum (kPa - mbar)	25 - 250
Cyclone pre-separation unit efficiency (%)	>95% *using placebo dust (0.6 kg/dm ³)
Container capacity (l)	30
OEB level - production phase	OEB5



The filterless technology meets the highest performances

Technical specifications	CY203
OEB level - maintenance phase	OEB4
Length x width x height (mm)	630x760x2690

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	CY203
Hose and Connection			
KIT TUBE HOLDER 3" CLAMP	4089100833	1	○



Dust containment unit: providing total safety

The DCU112 is the mobile dust containment unit equipped with cyclone preseparation unit and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 650m3/h.

The DCU112 is the mobile dust containment unit equipped with cyclone preseparation unit and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 650m3/h.

The AISI316L cyclone, available in WIP version as optional, separates more than 96% of the dust without any filter element, and thanks to that the maintenance costs are reduced.

All maintenance operations are performed in a totally safe way - incl. collected material discharge with contamination-free dust bag - and the filter unit is classified OEB5 during operation and OEB4 during maintenance.

The HEPA14 filter housing is equipped with DOP ports to perform filter integrity test, while the performances are always under control thanks to the visual indicator on the side of the unit. The hinged door and the stainless steel panel serve as support during filter change, and combined with glove bag make the unit very easy to maintain.

The unit can be equipped with a wide range of optional devices - like sensors, alarms, washing of pipeline.



Picture shown may not represent model quoted

- GMP conformity
- Reduced maintenance costs
- OEB5 during operation, OEB4 during maintenance
- Commissioning, FAT-SAT
- Suitable for Atex and combustibile dust (St1, St2)
- BagIn BagOut system for the safe replacement of the absolute filter
- Collected material discharge with contamination-free dust bag
- Differential pressure gauge to monitor the vacuum performances
- 30L capacity hopper
- Stainless steel AISI304 unit
- Wash In Place of cyclone preseparator
- Ease of use

● Standard equipment

Model	DCU112
Ref. no.	4072200604

PRODUCT FEATURES

Stainless steel AISI 304	•
Mobile	•
Airflow up to 650 m³/h	•
Single HEPA H14 bag-in bag-out filter	•
Optional Wash-in-place cyclone pre-separation unit	•
Cyclone pre-separation unit	•
Material discharge with contamination-free dust bag	•
Total safe handling and servicing	•



Dust containment unit: providing total safety

Technical specifications	DCU112
Max. airflow (m³/h - l/min.)	650 - 10833
Max. vacuum (kPa - mbar)	25 - 250
Cyclone pre-separation unit efficiency (%)	>96% *using placebo dust (0.97 kg/dm3)
Container capacity (l)	30
HEPA filter stage(s)	1
HEPA H14 filter area (cm²)	100000
HEPA H14 filter replacement system	BagIn BagOut
Filtering efficiency (%)	99,995%
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4
Length x width x height (mm)	1454x710x2232

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	DCU112
Hose and Connection				
	KIT TUBE HOLDER 3" CLAMP	4089100833	1	○



The mobile dust containment high performance unit

The DCU113 is the mobile dust containment unit equipped with cyclone preseparation unit and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 1.080m3/h.

The DCU113 is the mobile dust containment unit equipped with cyclone preseparation unit and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 1.080m3/h.

The AISI316L cyclone, available in WIP version as optional, separates more than 95% of the dust without any filter element, and thanks to that the maintenance costs are reduced.

All maintenance operations are performed in a totally safe way - incl. collected material discharge with contamination-free dust bag - and the filter unit is classified OEB5 during operation and OEB4 during maintenance.

The HEPA14 filter housing is equipped with DOP ports to perform filter integrity test, while the performances are always under control thanks to the visual indicator on the side of the unit. The hinged door and the stainless steel panel serve as support during filter change, and combined with glove bag make the unit very easy to maintain.

The unit can be equipped with a wide range of optional devices - like sensors, alarms, washing of pipeline.



Picture shown may not represent model quoted

- GMP conformity
- Airflow up to 1.080m3/h
- Reduced maintenance costs
- OEB5 during operation, OEB4 during maintenance
- Commissioning, FAT-SAT
- Suitable for Atex and combustibile dust (St1, St2)
- BagIn BagOut system for the safe replacement of the absolute filter
- Collected material discharge with contamination-free dust bag
- Differential pressure gauge to monitor the vacuum performances
- 30L capacity hopper
- Stainless steel AISI316L cyclone preseparator
- Stainless steel AISI304 unit
- Wash In Place of cyclone preseparator
- Ease of use

● Standard equipment

Model	DCU113
Ref. no.	4072200605

PRODUCT FEATURES

Stainless steel AISI 304	•
Mobile	•
Airflow up to 1080 m³/h	•
Single HEPA H14 bag-in bag-out filter	•
Optional Wash-in-place cyclone pre-separation unit	•
Cyclone pre-separation unit	•
Material discharge with contamination-free dust bag	•
Total safe handling and servicing	•



The mobile dust containment high performance unit

Technical specifications	DCU113
Max. airflow (m³/h - l/min.)	1080 - 18000
Max. vacuum (kPa - mbar)	25 - 250
Cyclone pre-separation unit efficiency (%)	>95% *using placebo dust (0.6 kg/dm3)
Container capacity (l)	30
HEPA filter stage(s)	1
HEPA H14 filter area (cm²)	100000
HEPA H14 filter replacement system	BagIn BagOut
Filtering efficiency (%)	99,995%
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4
Length x width x height (mm)	1452x710x2803

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	DCU113
Option				
	KIT BUTTERFLY VALVE 4" CLAMP	4089100832	1	○
Hose and Connection				
	KIT TUBE HOLDER CLAMP 4" D70	4089100835	1	○
	KIT TUBE HOLDER CLAMP 4" D100	4089100834	1	○



Excellent dust containment even in standard version

The DCU114 is the mobile dust containment unit equipped with star main filter and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 650m3/h.

The DCU114 is the mobile dust containment unit equipped with star main filter and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 650m3/h.

Fully AISI304 stainless steel with safe disposal of the collected material and safe replacement of the HEPA filter. The star filter can be cleaned and filtering performances resotred thanks to the manual filter shaker, while it needs to be replaced in the equipment maintenance room.

The filter unit is classified OEB5 during operation and OEB4 during maintenance (star filter change not considered).

The HEPA14 filter housing is equipped with DOP ports to perform filter integrity test, while the performances are always under control thanks to the visual indicator on the side of the unit. The hinged door and the stainless steel panel serve as support during filter change, and combined with glove bag make the unit very easy to maintain.

The unit can be equipped with a wide range of optional devices - like sensors, alarms, washing of pipeline.



Picture shown may not represent model quoted

- GMP conformity
- OEB5 during operation, OEB4 during maintenance (star filter change not considered)
- Commissioning, FAT-SAT
- Suitable for Atex and combustibile dust (St1, St2)
- BagIn BagOut system for the safe replacement of the absolute filter
- Collected material discharge with contamination-free dust bag
- Butterfly valve on machine inlet to avoid contamination back during maintenance operations
- Differential pressure gauges to monitor the vacuum performances
- 30L capacity hopper
- Stainless steel AISI304 unit
- Ease of use

● Standard equipment

Model	DCU114
Ref. no.	4072200606

PRODUCT FEATURES

Stainless steel AISI 304	•
Mobile	•
Airflow up to 650 m³/h	•
Single HEPA H14 bag-in bag-out filter	•
Star filter pre-separation unit	•
Optional Wash-in-place cyclone pre-separation unit	•
Material discharge with contamination-free dust bag	•



Excellent dust containment even in standard version

Technical specifications	DCU114
Max. airflow (m³/h - l/min.)	550 - 9166
Max. vacuum (kPa - mbar)	25 - 250
Container capacity (l)	30
HEPA filter stage(s)	1
HEPA H14 filter area (cm²)	100000
HEPA H14 filter replacement system	BagIn BagOut
Filtering efficiency (%)	99,995%
Main filter type	Antistatic M class star filter
Main filter area (cm²)	19500
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4 *no filter change included
Length x width x height (mm)	1521x710x1826

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	DCU114
Hose and Connection				
	KIT TUBE HOLDER 3" CLAMP	4089100833	1	○



Excellent dust containment and high airflow, even in standard version

The DCU115 is the mobile dust containment unit equipped with star main filter and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 1.080m3/h.

The DCU115 is the mobile dust containment unit equipped with star main filter and HEPA14 BagIn BagOut filter, suitable for airflow needs up to 1.080m3/h.

Fully AISI304 stainless steel with safe disposal of the collected material and safe replacement of the HEPA filter. The star filter can be cleaned and filtering performances resotred thanks to the manual filter shaker, while it needs to be replaced in the equipment maintenance room.

The filter unit is classified OEB5 during operation and OEB4 during maintenance (star filter change not considered).

The HEPA14 filter housing is equipped with DOP ports to perform filter integrity test, while the performances are always under control thanks to the visual indicator on the side of the unit. The hinged door and the stainless steel panel serve as support during filter change, and combined with glove bag make the unit very easy to maintain.

The unit can be equipped with a wide range of optional devices - like sensors, alarms, washing of pipeline.



Picture shown may not represent model quoted

- GMP conformity
- Airflow up to 1.080m3/h
- OEB5 during operation, OEB4 during maintenance (star filter change not considered)
- Commissioning, FAT-SAT
- Suitable for Atex and combustibile dust (St1, St2)
- BagIn BagOut system for the safe replacement of the absolute filter
- Collected material discharge with contamination-free dust bag
- Butterfly valve on machine inlet to avoid contamination back during maintenance operations
- Differential pressure gauges to monitor the vacuum performances
- 30L capacity hopper
- Stainless steel AISI304 unit
- Ease of use

● Standard equipment

Model	DCU115
Ref. no.	4072200607

PRODUCT FEATURES

Stainless steel AISI 304	•
Mobile	•
Airflow up to 1080 m³/h	•
Single HEPA H14 bag-in bag-out filter	•
Star filter pre-separation unit	•
Optional Wash-in-place cyclone pre-separation unit	•
Material discharge with contamination-free dust bag	•



Excellent dust containment and high airflow, even in standard version

Technical specifications	DCU115
Max. airflow (m³/h - l/min.)	1080 - 18000
Max. vacuum (kPa - mbar)	25 -250
Container capacity (l)	30
HEPA filter stage(s)	1
HEPA H14 filter area (cm²)	100000
HEPA H14 filter replacement system	BagIn BagOut
Filtering efficiency (%)	99,995%
Main filter type	Antistatic M class star filter
Main filter area (cm²)	35000
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4 *no filter change included
Length x width x height (mm)	1615x710x2068

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	DCU115
Option				
	KIT BUTTERFLY VALVE 4" CLAMP	4089100832	1	○
Hose and Connection				
	KIT TUBE HOLDER CLAMP 4" D70	4089100835	1	○
	KIT TUBE HOLDER CLAMP 4" D100	4089100834	1	○



The best answer for high demanding applications

The DCU220 is the fix dust containment unit equipped with two HEPA14 BagIn BagOut filters, suitable for airflow needs up to 1.080m3/h.

The DCU220 is the fix dust containment unit equipped with two HEPA14 BagIn BagOut filters, suitable for airflow needs up to 1.080m3/h. To be used in combination with CY unit, the first HEPA14 filter secures dust retention up to 99,995% while the second HEPA14 filter serves as security filter.

Fully AISI304 stainless steel with safe disposal of the collected material and safe replacement of the HEPA filters, the filter unit is classified OEB5 during operation and OEB4 during maintenance.

The butterfly valve on the inlet allows to disconnect the unit from the system when not working, avoiding cross-contamination.

Each HEPA14 filter housing is equipped with DOP ports to perform filter integrity test, while the performances are always under control thanks to one visual indicator for each filter on the front of the unit. The hinged door and the stainless steel panel serve as support during filter change, and combined with glove bag make the unit very easy to maintain.

The unit is available both in vertical and horizontal configuration, so as to fit all needs in terms of accessible space, and with a wide range of optional devices - like sensors, alarms, washing of pipeline.



Picture shown may not represent model quoted

- GMP conformity
- OEB5 during operation, OEB4 during maintenance
- Suitable for Atex and combustible dust (St1, St2)
- BagIn BagOut system for the safe replacement of the absolute filter
- Security HEPA14 BagIn BagOut filter
- Collected material discharge with contamination-free dust bag
- Butterfly valve on machine inlet to avoid contamination back during maintenance operations
- Differential pressure gauges to monitor the vacuum performances
- 30L capacity hopper
- Stainless steel AISI304 unit
- Ease of use

● Standard equipment

Model	DCU220 VTC
Ref. no.	4072200608

PRODUCT FEATURES

Stainless steel AISI 304	•
Fix	•
Vertical configuration	•
Airflow up to 1080 m³/h	•
Double Hepa14 Bag-in bag-out filter	•
Separate cyclone pre-separation unit	•
Material discharge with contamination-free dust bag	•
Total safe handling and servicing	•



The best answer for high demanding applications

Technical specifications	DCU220 VTC
Max. airflow (m³/h - l/min.)	1080 - 18000
Max. vacuum (kPa - mbar)	25 - 250
Container capacity (l)	30
HEPA filter stage(s)	2
Filtering efficiency (%)	99,995%
First HEPA H14 filter area (cm²)	100000
First HEPA H14 filter replacement system	BagIn BagOut
Security HEPA14 filter area (cm²)	100000
Security HEPA14 filter replacement system	BagIn BagOut
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4
Length x width x height (mm)	630x1010x2920

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	DCU220 VTC
Option				
	KIT BUTTERFLY VALVE 4" CLAMP	4089100832	1	○
Hose and Connection				
	KIT TUBE HOLDER CLAMP 4" D70	4089100835	1	○
	KIT TUBE HOLDER CLAMP 4" D100	4089100834	1	○



The Premium Wash In Place Safe Dust Containment Unit

The DCU220WIP is the fix dust containment unit with Wash-In-Place system.

The DCU220WIP is the fix dust containment unit with Wash-In-Place system. Equipped with two HEPA14 BagIn BagOut filters, the unit is suitable for Wash In Place at the end of use to deactivate the hazardous collected material in a very simple way, and for drying in place at the end of the washing cycle.

To be used in combination with CY unit, in WIP configuration as well, the first HEPA14 filter secures dust retention up to 99,995% while the second HEPA14 filter serves as security filter.

Fully AISI316L stainless steel, all the operations on the unit are conducted in safe way so as to reach OEB5 level during operation and OEB4 level during maintenance.

The butterfly valve on the inlet and the venting HEPA filter allow to disconnect the unit from the system when not working, avoiding cross-contamination.

Each HEPA14 filter housing is equipped with DOP ports to perform filter integrity test, while the performances are always under control thanks to one visual indicator for each filter on the front of the unit. The hinged door and the stainless steel panel serve as support during filter change, and combined with glove bag make the unit very easy to maintain.

The unit is available both in vertical and horizontal configuration, so as to fit all needs in terms of accessible space, and with a wide range of optional devices - like sensors, alarms, valves.



Picture shown may not represent model quoted

- Stainless steel AISI316L unit
- Wash In Place
- OEB5 during operation, OEB4 during maintenance
- GMP conformity
- Commissioning, FAT-SAT
- Suitable for Atex and combustible dust (St1, St2)
- BagIn BagOut system for the safe replacement of the absolute filter
- Security HEPA14 BagIn BagOut filter
- Collected material discharge with contamination-free dust bag
- Butterfly valves and venting HEPA filter to avoid contamination back during maintenance operations
- Differential pressure gauges to monitor the vacuum performances
- 30L capacity hopper
- Ease of use

● Standard equipment

Model	DCU220WIP VTC
Ref. no.	4072200609

PRODUCT FEATURES

Stainless steel AISI 316L	•
Fix	•
Vertical configuration	•
Airflow up to 1080 m³/h	•
Double Hepa14 Bag-in bag-out filter	•
Venting Hepa14 filter for Wash-in-place	•



The Premium Wash In Place Safe Dust Containment Unit

Model	DCU220WIP VTC
Ref. no.	4072200609

PRODUCT FEATURES

Wash-in-place complete unit	•
Separate cyclone pre-separation unit	•
Material discharge with contamination-free dust bag	•
Total safe handling and servicing	•

Technical specifications	DCU220WIP VTC
Max. airflow (m³/h - l/min.)	1080 - 18000
Max. vacuum (kPa - mbar)	25 - 250
Container capacity (l)	30
HEPA filter stage(s)	2
Filtering efficiency (%)	99,995%
First HEPA H14 filter area (cm²)	100000
First HEPA H14 filter replacement system	BagIn BagOut
Security HEPA14 filter area (cm²)	100000
Security HEPA14 filter replacement system	BagIn BagOut
OEB level - production phase	OEB5
OEB level - maintenance phase	OEB4
Length x width x height (mm)	630x1392x2920

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	DCU220WIP VTC
Option				
	KIT BUTTERFLY VALVE 4" CLAMP	4089100832	1	○
Hose and Connection				
	KIT TUBE HOLDER CLAMP 4" D70	4089100835	1	○
	KIT TUBE HOLDER CLAMP 4" D100	4089100834	1	○



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Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	