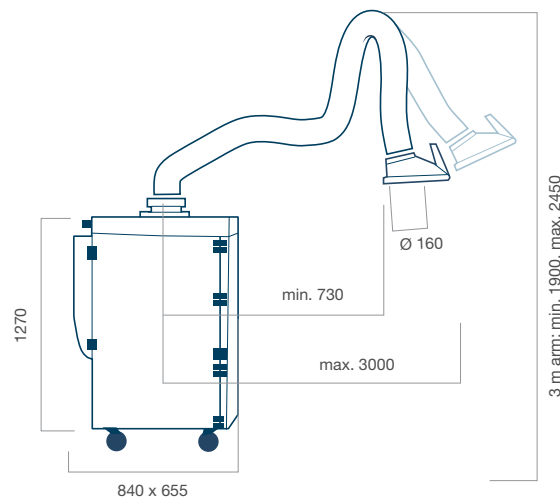


Weld filters C10 and C20 Mobile extraction/filter units

The mobile WeldFilter units C10 and C20 are used for the extraction and filtration of lighter welding fumes.



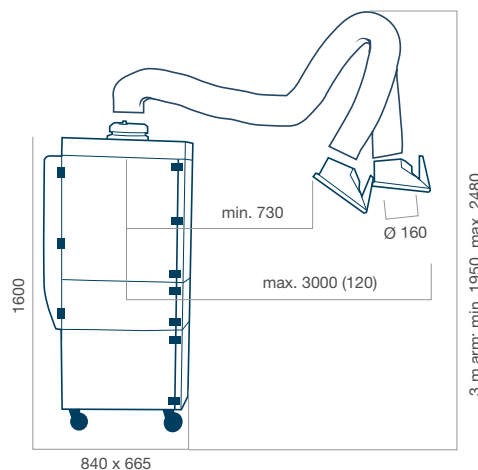
Weld filter C10

- Easy to move and position.
- Includes 3 m long extraction arm, Original.
- Cleanable filter with high filtration efficiency, easy to exchange.
- Service hour meter.
- Low airflow alarm (time to clean or replace the filter cartridge).
- BGIA certified for welding fume class W3, according to the EN ISO 15012-1 standard.

Arm length m	Arm Ø, mm	Max. airflow, ¹⁾ m³/hr	Filtration efficiency %	Filter surface, m²	Voltage, Voltage/ electric plug	Power, kW	Frequency, Hz	No. of phases	Noise level dB (A)	Weight, kg	Part no.
3	160	500-900	≥ 99	12	230/EUR/UK ²⁾	1,1	50	1	72	175	12620151
3	160	500-900	≥ 99	12	400/EUR ³⁾	1,1	50	3	72	175	12620251

1) Max. 1 100 m³/hr without extraction arm. 2) UK plug supplied separately. 3) Excl. plug.

Accessories	Part no.
Spark protection, for mounting in hood. Reduces risk of fire.	10551335



Weld filter C20

- Easy to move and position.
- Includes two 3 m long extraction arms, Original.
- Two cleanable filters with high filtration efficiency, easy to exchange.
- Service hour meter.
- Low airflow alarm (time to clean or replace the filter cartridge).

Arm length, m	Arm Ø, mm	Max. airflow, ¹⁾ m³/hr	Filtration efficiency, %	Filter surface, m²	Voltage, Voltage/ electric plug	Power, kW	Frequency, Hz	No. of phases	Noise level dB(A)	Weight, kg	Part no.
3	160	2 x 500-900	≥ 99	2x12	400/EUR ²⁾	2,2	50	3	75	245	12621151

¹⁾ Max. 2 x 1100 m³/hr without extraction arms.

²⁾ Excl. plug.

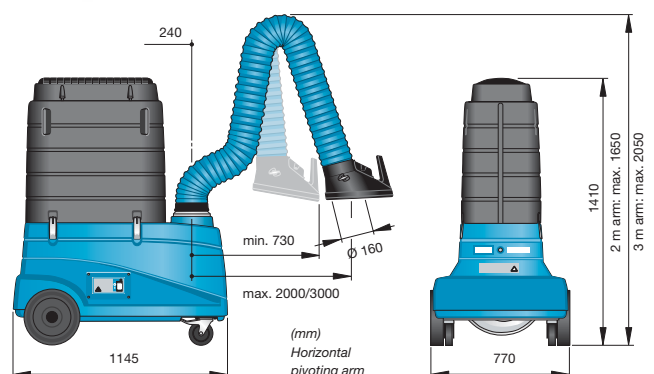
Accessories	Part no.
Spark protection, for mounting in hood. Reduces risk of fire.	10551335

FilterCart Mobile extraction/filter units



FilterCart Original

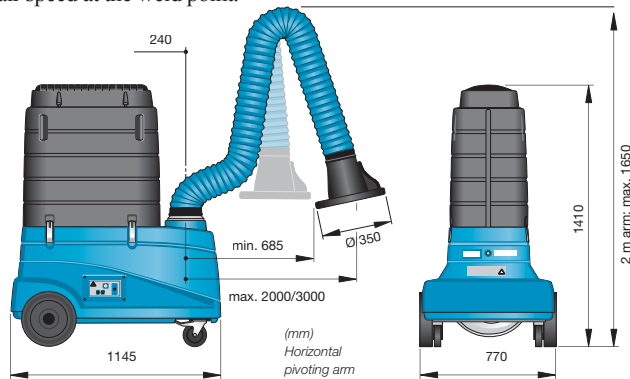
FilterCart Original mobile filter unit for light welding and extraction applications. FilterCart Original includes an Original extraction arm with an integrated spotlight, which optimizes the user-friendly design. If a larger working range is needed, the 3 m long arm is recommended.



FilterCart Mobile extraction/filter units

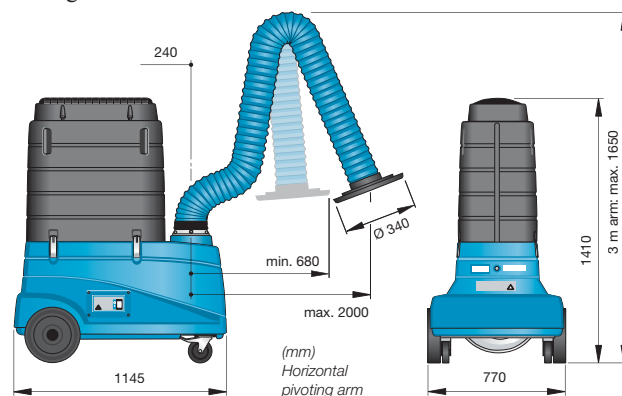
FilterCart W3

The FilterCart W3 mobile filter unit for extraction applications in light production facilities is very advanced, with every conceivable function. This includes a warning signal when the filter is full. The W3 model meets the legal requirements for W3 in BGIA. The specially designed metal hood with integrated spotlight provides maximum air speed at the weld point.



FilterCart Carbon

The FilterCart Carbon is a mobile filter unit specially designed for extracting foul smells. The FilterCart Carbon is supplied with the Standard extraction arm and can be fitted with HEPA filters for maximum efficiency. Applications: solvents, vapours and other gaseous contaminants.



Model	Arm length, m	Arm Ø, mm	Max. airflow, m³/h	Filtration efficiency, %	Filter surface, m²	Voltage, V /electric plug	Power, kW	Frequency, Hz	No. of phases	Noise level, dB (A)	Weight, kg	Lighting Included	Part no.
Original	2	160	1050	99	35	230/EUR	0,75	50	1	73	73	Yes	12621245
Original	3	160	1050	99	35	230/EUR	0,75	50	1	73	73	Yes	12621345
Original	3	160	1050	99	35	230/EUR	0,75	50	1	73	73	No	12621445
W3	2	160	600-1050	99	35	230/EUR	0,75	50	1	73	73	Yes	12631245
W3	3	160	600-1050	99	35	230/EUR	0,75	50	1	73	73	Yes	12631345
Carbon	2	160	600	99	20 kg activated carbon	230/EUR	0,55	50	1	74	82	No	12641245

Accessories	Part no.
HEPA filter, 7.5 m² high-efficiency final filter, class H13.	12374016
Original spark protection, for mounting in hood. To reduce risk of fire.	10551335
W3 spark protection, for mounting in hood. To reduce risk of fire.	12375241

FilterBox Modular extraction/filter system

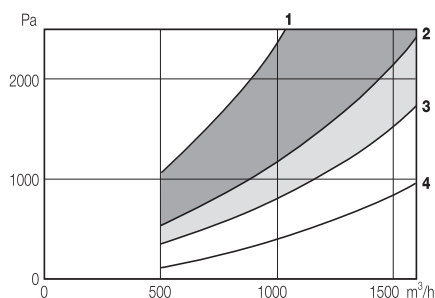


Complete mobile FilterBox unit with Original extraction arm.

FilterBox is a system that solves most problems concerning the extraction and filtration of welding fumes and dust. Can be combined to work as a single mobile unit or as a fixed modular unit with expandable capacity. Filter cleaning is manual, semi-automatic or fully automatic (compressed air cleaning) depending on model. Special model for the food, medical or chemical industry. All features below apply to the standard model. Accessories can be attached for individual applications - see next page.

- Mobile units or fixed wall/floor installations.
- Complete kits or modules for customization.
- Manual, semi-automatic or fully automatic filter cleaning.

Pressure drop

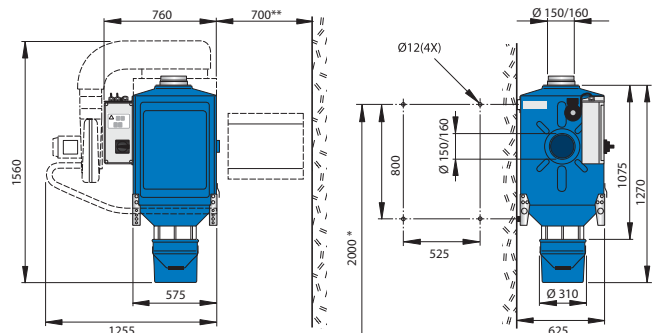


The pressure drop across the FilterBox varies with airflow and dust load. Maintaining a certain average airflow with increasing dust load requires a shorter interval between cleaning.

- 1) heavy load
- 2) light load, welding
- 3) light load, dust
- 4) clean filter cartridge

Grey areas show average operating range

Description	Noise level, dB(A)
FilterBox with silencer, 3 m arm, fan N24	61
FilterBox with silencer, 3 m arm, fan N29	68
FilterBox without silencer, 3 m arm, fan N24	72
FilterBox without silencer, 3 m arm, fan N29	75



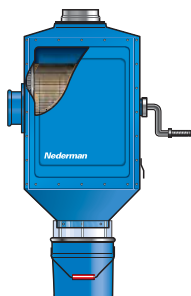
*) Recommended mounting height from floor.

**) Minimum distance from wall to replace filter cartridge. Manual filter cleaning.

Complete units for fixed or mobile installation

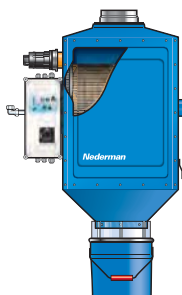
Type of kit	Kit consists of	Weight, kg	Part no.
Wall mounted Basic filter	Standard filter PW13 + Original arm 3 m + Fan N24, 3- phase, 230/400V, 50 Hz, 0.9 kW. N.B. Silencer not included	140	12640663
Wall mounted Standard filter	Standard filter PW13, 3-phase, 400 V + Original arm 3 m + fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + silencer	165	12640963
Wall mounted Monitor filter	Standard filter PW13, 3-phase, 400 V + Original arm 3 m (incl. light) + Fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + silencer	170	12641263
Floor mounted Basic filter	Standard filter PW13 + Original arm 3 m + Fan N24, 3-phase, 230/400V, 50 Hz, 0.9 kW. N.B. Silencer not included	140	12640563
Floor mounted Standard Filter	Standard filter PW13, 3-phase, 400 V + Original arm 3 m + fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + silencer	165	12640863
Floor mounted Monitor Filter	Standard filter PW13, 3-phase, 400 V + Original arm 3 m + fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + silencer	170	12641163
Mobile Basic Filter unit	Standard filter PW13 + Original arm 3 m + Fan N24, 3-phase, 230/400V, 50 Hz, 0.9 kW. N.B. Silencer not included	140	12640763
Mobile Standard Filter unit	Standard filter PW13, 3-phase, 400 V + Original arm 3 m (incl. light) + fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + silencer	165	12641063
Mobile Monitor Filter unit	Standard filter PW13, 3-phase, 400 V + Original arm 3 m (incl. light) + fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + silencer	170	12641363

FilterBox Basic



Manual filter cleaning with hand crank. For simple welding and dust applications not requiring automation. N.B. When connected to a fan, a separate starter is needed.

FilterBox Monitor



Fully automated mechanical filter cleaning, normally combined with compressed air cleaning. For heavy duty welding applications.

FilterBox Basic

Filter cartridge	Weight, kg	Part no.
PW13	65	12600163
PW13 (white)	65	12606263

FilterBox Monitor

Filter cartridge	Filter cleaning	Voltage, V	Phases*	Weight, kg	Part no.
No filter	Motor + compressed air	400	3	65	12640463
PW13	Motor + compressed air	400	3	65	12642463

FilterBox Standard

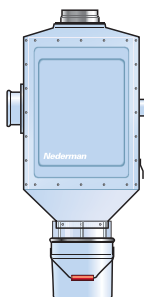
Filter cartridge	Filter cleaning	Voltage, V	Phases*	Weight, kg	Part no.
No filter	Motor	400	3	65	12630463
PW13	Motor	110	1	65	12631063
PW13	Motor	230	1	65	12631163
PW13	Motor	230	3	65	12631363
PW13	Motor	400	3	65	12631463
PW13	Motor + compressed air	230	1	65	12632163
PW13	Motor + compressed air	400	3	65	12632463
PWHE15	Motor + compressed air	400	3	65	12635463

FilterBox Standard



Semi-automated filter cleaning with manual start-up. Can be combined with compressed air cleaning. For welding and dust applications.

White



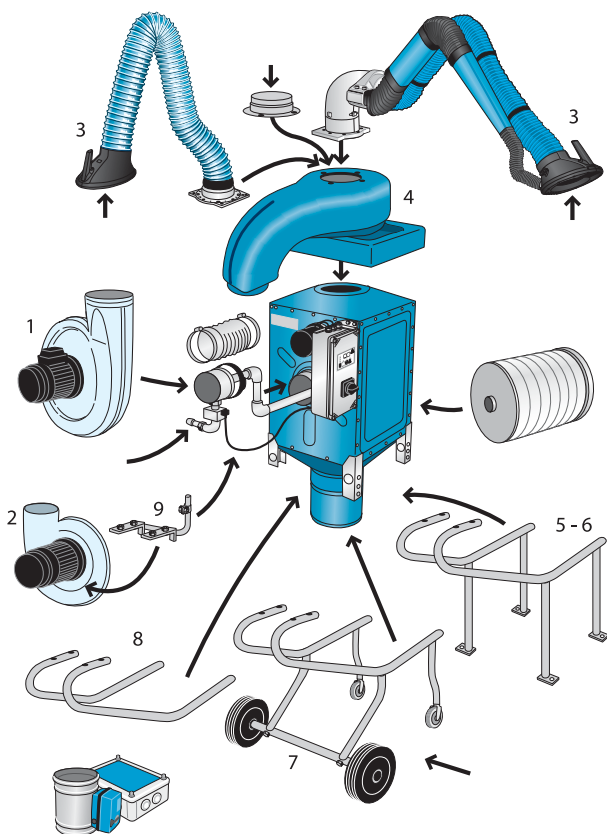
The FilterBox unit is also available in white for applications in the food and chemical industries.

White

Filter cartridge	Filter cleaning	Voltage, V	Phases*	Weight, kg	Part no.
PW13	Motor	230	1	65	12633163
PW13	Motor	230	3	65	12633363
PW13	Motor	400	3	65	12633463
PWA HE15 (antistatic)	Motor	400	3	65	12637463

*) Motor protector included.

Possible combinations



Accessories	Part no.
1 Fan N29 for heavy duty and long pipework systems 1000-1200 m³/h, 2,2 kW, 220 - 240 / 380 - 420 V, 3-phase, 50 Hz	14510829
2 Fan N24 for light dust, 800-1000 m³/h, 0.75 kW, 110 - 120 / 220 - 240 V, 1-phase, 50 Hz	14510122
2 Fan N24 for light dust, 800-1000 m³/h, 0.9 kW, 200 - 240 / 280 - 420 V, 3-phase, 50 Hz	14510422
3 Extractor arm, max. length of arm on mobile unit: 3 m. (See separate brochures for Original, NEX MD, and NEX HD arms)	
4 Silencer, blue	12371420
4 Silencer, white	12371569
5 Floor stand for FilterBox with fan	12371422
6 Floor stand for FilterBox connected to central fan	12371423
7 Trolley	12371421
8 Bracket for wall mounting of box with fan	12371424
9 Additional bracket for mounting fan N24 on the FilterBox	12371018
Cable set, 220/240V, 1-phase	12363606
Cable set, 110V, 1-phase	12363608
Cable set, 3-phase	12363609
10 Compressed air cleaning, 4-6 bar	12333354

Replacement filter	Used for	Filtration efficiency, %	Surface, m²	Part no.
PW13	Welding	99	13	12332672
PW HE15	Dust, stainless steel welding	99,90	15	12371106
PWA HE15	Dust (antistatic)	99,90	15	12371412