

FilterBox Modular Extraction/Filter System



Complete mobile FilterBox unit
with Extraction Arm Original.

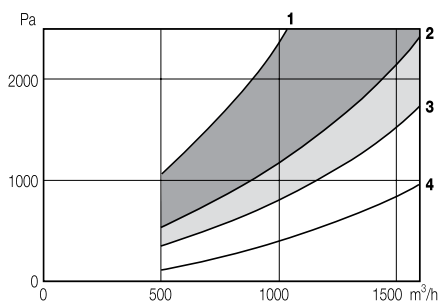
FilterBox is a system that solves most common demands regarding extraction of welding fumes and dust. It can be combined to work as a single mobile unit or as a fixed modular unit with expandable capacity. Filter cleaning is manual, semi-automatic or fully automatic (compressed air cleaning) depending on model. Special model for food, medical or chemical industry. All features below apply to the standard model.

Accessories can be attached to improve individual applications - see next page.

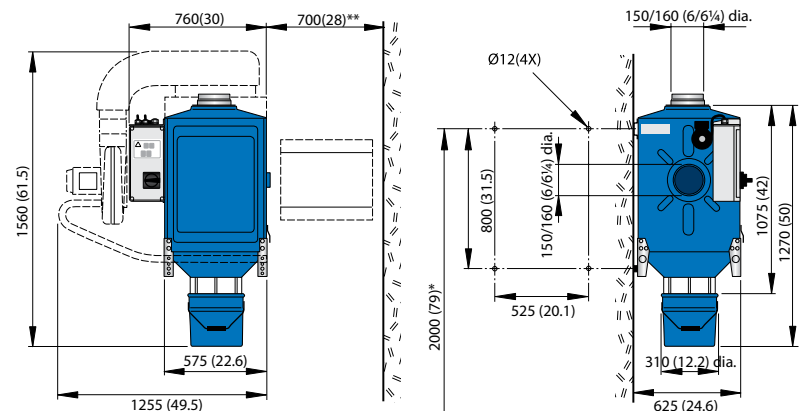
- Mobile units or fixed wall/floor installations
- Complete kits or modules for customization
- Manual, semi-automatic or fully automatic filter cleaning

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

Pressure Drop



The pressure drop across the FilterBox varies with air flow 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 describe average operating range



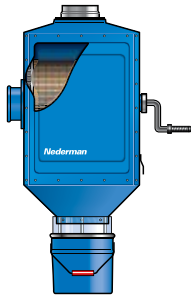
mm (inch) *)Recommended mounting height from floor.

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

Complete kits, for fixed or mobile installation

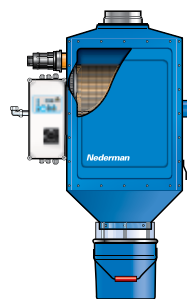
Type of kit	Kit consists of	Weight, kg	Part no.
Wall mounted Basic	Filter Standard PW13 + Original arm 3 m + Fan N24, 3 phase, 230/400V, 50 Hz, 0.9 kW. Note! Silencer not included!	140	12640663
Wall mounted Standard	Filter Standard PW13, 3-phase, 400 V + Original arm 3 m + Fan N29, 3-phase, 230/400 V, 50 Hz, 2.2 kW + Silencer	165	12640963
Wall mounted Monitor	Filter Standard 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 PW13 + Original arm 3 m + Fan N24, 3 phase, 230/400V, 50 Hz, 0.9 kW. Note! Silencer not included!	140	12640563
Floor mounted Standard	Filter Standard 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 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 unit Basic	Filter Standard PW13 + Original arm 3 m + Fan N24, 3 phase, 230/400V, 50 Hz, 0.9 kW. Note! Silencer not included!	140	12640763
Mobile unit Standard	Filter Standard 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 unit Monitor	Filter Standard 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 by a hand crank. For simple welding and dust applications with no need for automatics. Note! When connected to a fan, a separate starter must be added.

FilterBox Monitor



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

FilterBox Basic

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

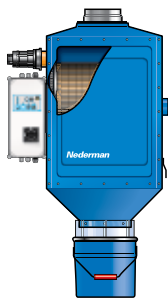
FilterBox Monitor

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

FilterBox Standard

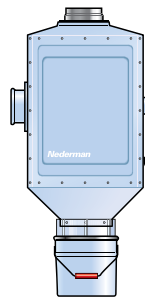
Filter cartridge	Filter cleaning	Voltage, V	Phase*	Weight, kg	Part no.
No filter	Motor	400	3	65	12630463
PW13	Motor	110	1	65	12631063
PW13	Motor	230	1	65	12631163
PW13	Motor	230	3	65	12631363
PW13	Motor	400	3	65	12631463
PW13	Motor + Compr. air	230	1	65	12632163
PW13	Motor + Compr. air	400	3	65	12632463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

FilterBox Standard



Semi-automatic filter cleaning manually initiated. Can be combined with compressed air cleaning. For welding and dust applications.

Spaceblue



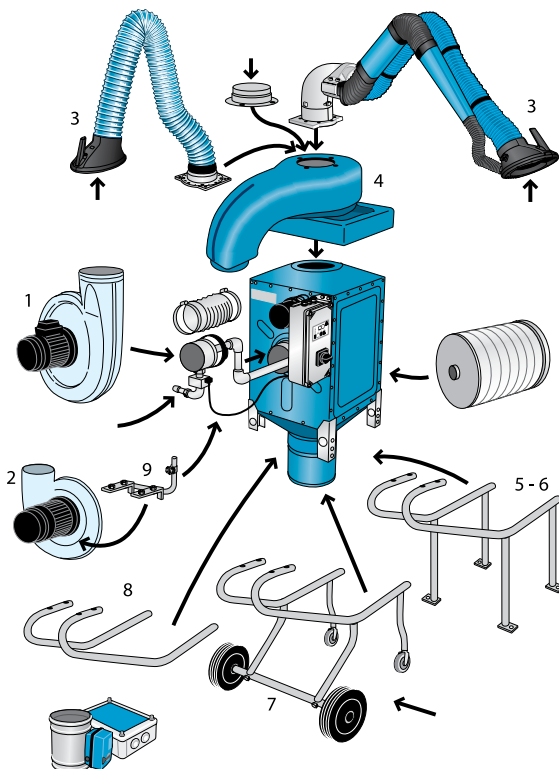
The FilterBox unit is also available in space blue for food and chemical applications.

Spaceblue

Filter cartridge	Filter cleaning	Voltage, V	Phase*	Weight, kg	Part no.
PW13	Motor	230	1	65	12633163
PW13	Motor	230	3	65	12633363
PW13	Motor	400	3	65	12633463
PWHE15 (antistatic)	Motor + Compr. air	400	3	65	12637463

*) Motor protector included.

Combination Possibilities



	Accessories	Part no.
1	Fan N29 for heavy duty and long duct systems, 1000-1200 m³/h, 2.2 kW, 220 - 240 / 380 - 420V, 3-phase, 50Hz	14510829
2	Fan N24 for light dust, 800-1000 m³/h, 0.75 kW, 110 - 120 / 220 - 240V, 1-phase, 50Hz	14510122
2	Fan N24 for light dust, 800-1000 m³/h, 0.9 kW, 200 - 240 / 280 - 420V, 3-phase, 50Hz	14510422
3	Extractor arm, max length for arm on mobile unit: 3 m. (See separate brochures for Original Arm, NEX MD, and NEX HD)	
4	Silencer, blue	12371420
4	Silencer, space blue	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 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	Use for	Efficiency, %	Area, 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

Product availability may differ by country