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MFU-HW welding fume extractor with superflex arm

Sectors Welding,

Applications Mobile

Issues Fumes

COD:

MFU21HWXF000000

High-performance mobile welding fume extractor for professional use, with HEPA H13 99.99% absolute filtration

Insight

Do not breathe in **fumes and micro-dust released into the environment during welding**! Rely on HEPA H13 filtration to reduce welding fumes and micro-dust using an **MFU welding fume extractor,** specifically designed to extract and filter fumes and micro-dust generated by metal welding processes, filtering 99.99% of particles larger than 0.3µm.
The MFU series welding fume extractors represent the state of the art in technology for the drastic reduction of risks derived from fumes and micro-dust in professional work environments. Pollutants are quickly extracted at the source thanks to the high-capacity hood and then filtered at 99.99% thanks to HEPA technology, which guarantees the reduction of micro-dust from 0.3 µm upwards.
For this reason, the MFU welding fume extractor is classified as W3 compliant for the filtration of carcinogens as required by the UNI EN ISO 21904-1:2020 standard.

Technical features

· High suction capacity
· Compact and easy-to-handle structure;
· Self-supporting suction arm with SUPERFLEX pipes, working length 3 or 4 meters;
· Air recirculation in the environment with H13 HEPA absolute filtration - 99.99%
· W3 classified, compliant for the filtration of carcinogens;
· On-board electrical panel with indicator light to signal filter clogging and hour meter for machine maintenance log keeping;
· Single-phase plug and cable with Schuko socket requires no electrical installation and is ready for use;
· High-capacity extraction hood with handle for easy positioning.

3-stage filtration in detail:

-stage 1: G3 effective anti-spark metal filter (ISO 16890 Coarse 70%+)
-stage 2: acrylic filter eff. G4 (ISO 16890 Coarse 70%+)
-stage 3: absolute filter eff. H13 ≥99.95% @ MPPS in accordance with EN 1822:2019

How it works

The welding fume extractor purifies pollutants that pass through the system from the arm in the machine downwards and are purified with 99.99% efficiency. The clean air is reintroduced into the environment through grilles located at the bottom of the sides of the machine, for maximum efficiency and energy savings.

Safety in accordance with regulations

The level of filter clogging is monitored by a control that alerts with a light signal when it is necessary to clean or replace the filters, in order to avoid continuing work without air filtration. ref. UNI EN ISO 21904-1:2020

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ADVANTAGES

- Fast fume extraction near the source due to high flow rate
- Mobile: allows a variety of welding spots to be reached
- Filtration with absolute filter eff. H13 ≥99.99% of particles over 0.3µm.
- 1500W single-phase power can be connected anywhere with a simple shuko outlet

Advantages of purchasing with operating rental in 12/24/36 or 48 convenient installments

- No down payment to be made, no pro-rata.
- First rent on average at about 30 days.
- Totally deducts royalties for IRES purposes with no obligations arising from the minimum contract term under the T.U.
- Totally deducts royalties for IRAP purposes without distinction between principal and interest.
- Basel 2 advantage: thanks to the rental, the asset used is "off-asset" and therefore does not require corresponding assets.
- All Risk insurance included in the fees to cover possible claims.
- Fixed rate for the entire duration of the transaction.

Partners *BCC Lease*

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Technical Data

Code	Power kW	Nominal flow rate m3 / h	Liv son Db (A)	Weight kg	Operating temperature °C	Power supply V	Power supply Hz	Long arm meters	Stage 1 filter	Stage 2 filter	Stage 3 filter
MFU21HW3F000000	1,5	1500	73	102	40	220/1/50	50	3	metal anti-spark eff. G3	Corrugated acrylic efficiency G4	HEPA H13 ≥99,95% @ MPPS acc. to EN 1822:2009
MFU21HW4F000000	1,5	1500	73	102	40	220/1/50	50	4	metal anti-spark eff. G3	Corrugated acrylic efficiency G4	HEPA H13 ≥99,95% @ MPPS acc. to EN 1822:2009

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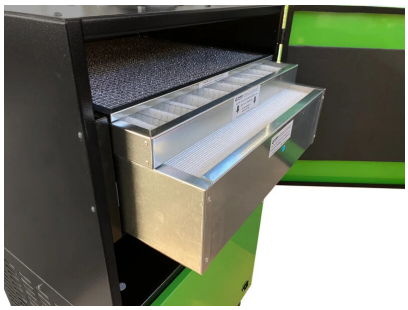
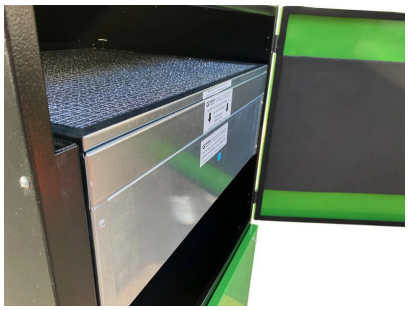
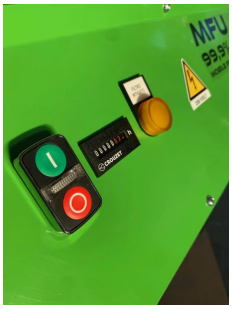
Photogallery







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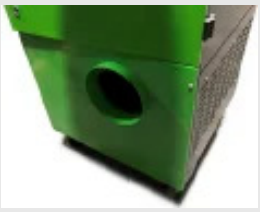
Related accessories



MFU filtered air exhaust connection on the outside

KITSCARICESTMFU

Lateral connection diam. 200 mm for hose to discharge filtered air outside from MFU purifiers all.

10kg activated carbon filter kit for MFU and WFU

MFU18WECA100000

10kg (2x5kg) activated carbon filter kit for all WFUs and MFUs 16 -18 - HW

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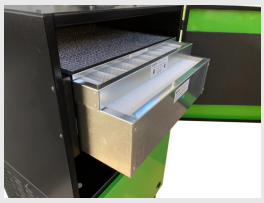
Related spare parts



Replacement filter kit S1-S2-S3 (no carbon) - for MFU-HW

Replacement filter kit S1-S2-S3 (no carbon) for MFU-HW all

Metal Filter Replacement - Stage 1 - MFU-HW

Metal Filter Replacement - Stage 1 - MFU-HW only

Replacement acrylic filter - Stage 2 - MFU-HW

Replacement acrylic filter - Stage 2 - MFU-HW only

Replacement filter H13 HEPA - Stage 3 - MFU-HW

Replacement H13 HEPA filter - Stage 3 - MFU-HW only

10kg activated carbon filter kit for MFU and WFU

10kg (2x5kg) activated carbon filter kit for all WFUs and MFUs 16 -18 - HW

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Related Products

MFU-HW welding fume extractor with red arm

MFU21HWR0000000

MFU-HW mobile extractor for welding fumes and micro-dust with red arm, high performance for professional use, with HEPA H13 99.99% absolute filtration

MFU-HWF23 welding fume extractor double arm 3m

MFU21HW32F00000

MFU-HWF23 mobile welding fume extractor with double superflex arm, with H13 99.99% efficiency filtration.

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