

FUMECLEAN-230 WELD. FUME EXTRACTOR

Product group: **196** Product number: **735878**

FumeClean-230 is the solution for maritime welder/fitter protection against inhaling hazardous welding and cutting fumes (Manganese, Volatile Organic Compounds (VOCs), Chromium Hexavalent (Cr6+) etc.). It is compact, lightweight and portable meaning it can be used anywhere onboard a welder/fitter are working.



Product information

Regulations

In 2017, the International Agency for Research on Cancer (IARC) under WHO has classified welding fumes and UV radiation from welding as Group 1 carcinogens, the agency's designation for agents that carry sufficient evidence of carcinogenicity in humans. Further, the Maritime & Coastguard Agency (MCA UK) has issued directives pertaining to Bulletin No: STSUI 2019 HSE Safety Alert: Change in Enforcement for Mild Steel Welding Fume and updating of welding and cutting fume protection requirements in the Code of Safe Working Practice for Seafarers (COSWP) 2019 amendment.

Four-stage filtration system When the welding fumes enter the unit they first pass a metal pre-separator, then the fumes flow through a aluminium pre-filter and into the main filter which has a total area of 12m². The large area of the main filter provides a long life and a constant high efficiency since filter cleaning does not have to take place very frequently. The last stage is a High Efficiency Particle Arrestor HEPA 12 which guarantees a filtration efficiency of 99.9% under all circumstances. **Active carbon filter** If required an optional activated carbon filter can be placed on top of the main filter to remove smell. It is also possible to add hoses on the exhaust side to completely remove the filtered air from the area if required. **Two powerful motors** The two motors guarantee an adequate extraction capacity under all conditions. At low welding fume concentrations, the extraction capacity can be halved, in which situation both motors operate at half speed, thus providing a lower noise level and reduced maintenance. **Automatic start** When the welding cable is placed in a slit on top of the unit the automatic start/stop function can be used and the unit will automatically switch on when welding starts and off when welding stops. **Supplied with**

2,5m hose and nozzle with magnet foot

Features

- Compact and lightweight
- Connects to 1 phase 230V (Motor is capable for 50/60Hz)
- High filtration capacity
- Automatic start stop function

Benefits

- Fast and easy transportation
- Power points for 230V available
- Protects welder against inhalation of harmful welding fumes
- No need for manual operation of start/stop

Specification

General

Invent Hazard Material (IMO/EU) classification	NA
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Dimensions/Weight

Weight [kg]	16
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Technical data

Electrical phase	230V single phase
Frequency [Hz]	50/60Hz

Documents

[Fume-Clean-Users-Manual](#)

[Technical Article Welding Fumes - A Known Carcinogen](#)

Related products

Accessories

740456	CONNECTION.PIECE FOR TWO HOSES ? 45	740449	EXTRACT/EXHAUST.HOSE 2,5 M, ? 45 MM
740373	FUNNEL NOZZEL WITH MAGNETIC FOOT.	740423	HIGH.EFFICIENCY PARTICLE FILTER H12
740415	DISPOSABLE CARTRIDGE FILTER.	740407	CARBON.BRUSHES 2 SETS W.SEALS 230V
740381	HOSE CONNECTION OUTLET SIDE.	740431	ACTIVE CARBON FILTER.
		176024	PORTABLE WELD.TABLE

Is accessory to

740399 BULKHEAD BRACKET.

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