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High pressure welding fume extractor GTC1A22



Sectors Welding,

Applications Mobile

Issues Fumes

COD: GTC1A2200000000

GTC1A22 mobile welding fume extractor with integrated micrometric filtration, for optimal high-pressure extraction of fumes through two welding extraction torches simultaneously or from other applications requiring small-diameter pipes.

Insight

High-pressure welding fume extractor with integrated filtration (micrometric abatement 97-98% at 0.3 microns) to be connected to a maximum of two SAT line extraction torches, specifically designed for continuous industrial use (100% duty cycle) thanks to its robust aluminum blower/turbine with a leading brand three-phase motor. The extractor is designed for manual or automatic operation; in the latter case, the extractor is activated and, by means of a timer, deactivated in sync with the welding cycle.

- The maximum distance, tube length, between the extraction point and the point of fume production is 20-25m.
- Ideal solution for one or two welding stations and reintroduction of fumes into the environment (where permitted, given the 98% filtration degree at 0.3µ in class 10) or direct expulsion to the outside.
- Automatic activation during arc ignition makes it completely automatic without wasting time.

Construction

- The entire structure is made of an extruded aluminum frame and padded with press-formed sheet metal panels and powder coated
- . It guarantees an IP55 degree of protection.
- The pre-filter housing chamber is made of 20/10 sheet metal and is sized
- suitable for creating an air deceleration plenum to achieve the correct speed of passage through the filters.
- Complete with electrical panel for control and protection.

Technical characteristics

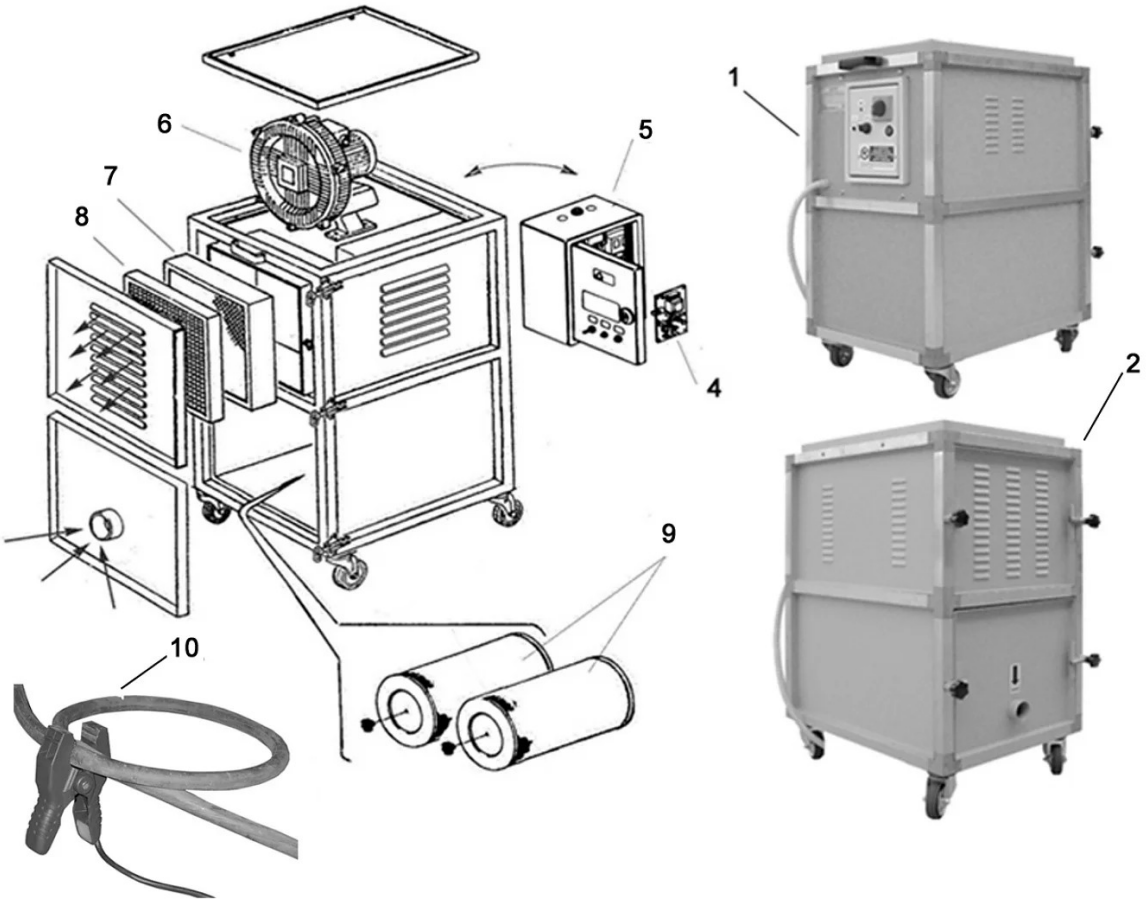
- Suction from up to 2 torches simultaneously
- Power 2200Watt 400/3/50 three-phase
- Max flow rate 240 m^3/h
- Nominal vacuum 250 mBar
- Noise level 72 dB(A) at 1.5 m in free field
- Dimensions 490w x 880h x 650d
- Weight 80 kg

Filtering section

- stage 1: pre-chamber for the reduction of larger particles
- stage 2: polyester cartridge filtration, 99% efficiency
- Stage 3: double-sealed micro-filter panel and protective nets. MPPS efficiency >95%
- stage 4: activated carbon panel for deodorization

MADE IN ITALY

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Dimensions

Code	b mm	h mm	P mm
GTC1A2200000000	490	880	650

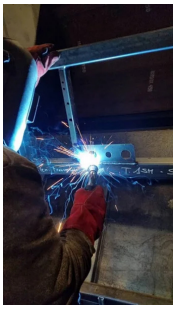
Technical Data

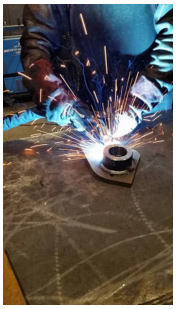
Code	Power W	Liv son Db (A)	Weight kg	Noise level dB	Depression mmH2O	Stage 1 filter	Stage 2 filter	Stage 3 filter	Stage 4 filter
GTC1A2200000000	2200 400/3/50 three-phase	72	80	72 to 1.5 m in free field	250	Calming pre-chamber for the abatement of larger particles	Polyester cartridge filtration eff. 99%	Double gasketed microfilter panel and protection nets. MPPS efficiency > 95%	Activated carbon panel for deodorisation

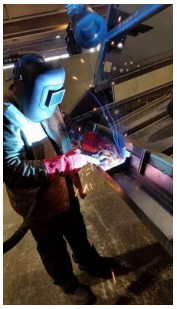
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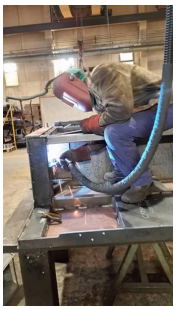
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Photogallery









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