

Technical data sheet

PORTABLE UNITS

ECART

Acrylic filter cells Portable cartridge unit for welding fumes, fumes from manual plasm cutting operations and particulate



WELDING



APPLICATIONS









Extraction and reduction of fumes from welding, portable plasma cutters and particulates from sanding, cutting, grinding and, lastly, micro-particulate and tiny bits of slag.

FEATURES

The ECART filtering units are created with panels constructed in top quality durable galvanised sheet metal bolted together to maintain the correct weight/durability ratio.

The main features of these products is the notable capacity for abatement, while at the same time having a much reduced overall size and ease of access to the cartridges.

Different cartridge filter versions may be installed depending on the pollutant.

All models can be supplied complete with extraction arms of different diameters and lengths, or flexible hoses of different diameters up to lengths of approx. 20 m.

Efficient filtration

Expected particulate entrapment - 99.5%

Automatic cleaning system

Counter-current compressed air

CERTIFICATIONS

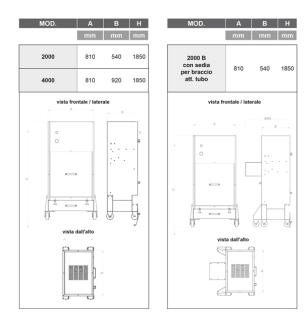
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TECHNICAL DATA

Optionals: Anti-spark impeller - ATEX Motor - Y-branch on extraction - Extraction on arm

CROSS-SECTION	TECHNICAL DATA	UNIT OF MEASUREMENT	MOD. 2000 external dimensions (mm) 540 x 810 x 1800 h	MOD. 4000 external dimensions (mm) 920 x 1000 x 1800 h
Extraction section	Flow rate	m³/h	2.000	4000
Extraction section	Motor power	kW	1,1	2,2
Extraction section	Nominal pressure	Pa	2.500 ca.	2.500 ca.
Extraction section	Weight	kg	200 ca.	280 ca
Filter section	Cartridges	Polyester	Nr. 2	Nr. 4
Filter section	Filter surfaces	m²	20	40
Filter section	Working pressure	bar	3	3
Particulate filter section	Compressed air consumption	l/min.	120	240

DIMENSIONS



BRACCIO FLESSIBILE ARMOFLEX



IBFAC	Ø	LUNGHEZZA		PERDITA DI CARICO	PESO TOT.
	mm	mm	m³/h	Ра	Kg
160/2	160	2000	da 1000 a 1200	media 850	13
160/4	160	4000	da 1000 a 1200	media 850	15
160/3	160	3000	da 1000 a 1200	media 850	14

BRACCIO FLESSIBILE ARMOTECH



IBSAC	Ø	LUNGHEZZA	CAPACITÀ ASPIRANTE	PERDITA DI CARICO	PESO TOT.
	mm	mm	m³/h	Pa	Kg
160/2	160	2000	da 1000 a 1200	media 700	13
160/3	160	3000	da 1000 a 1200	media 700	21
160/4	160	4000	da 1000 a 1200	media 700	25

PACKAGING



WEIGHT 200 KG VOLUME m³ 1.84 (96X96X200 cm.)

QR CODE

