

Technical data sheet

WALL-MOUNTED SYSTEM PURIFICATION

ICAP 2.0

Wall-mounted purification system for welding fumes complete with self-supporting articulated arm



APPLICATIONS



MMA SALDATRICI
AD ELETTRODO



MIG MAG



TIG

These purification systems have been designed to extract welding fumes in places where welding work is carried out on an occasional basis, for example, spot welding or seam or arc welding, therefore with the development of medium-low concentrations of pollutants containing gas or suspended micro-particles.

In addition, deodorisation is achieved using an activated carbon filter (10 kg), before releasing the filtered air into the environment.

FEATURES

Compact structure constructed in sturdy powder-coated steel sheet metal and supplied with external brackets for fastening to the wall.

High performance, electric centrifugal extraction fan directly coupled to an IE2 400/50Hz three phase motor.

Filter section consisting of a series of metal and acrylic filters for class H13 final filtration efficiency, available with mechanical filter (H version) and with electrostatic filter (version E) for both the final efficiency is 99.5%

Activated carbon filters 10 kg.

Articulated 3 - 8 metre arm Ø160 mm including hood with damper, anti-intrusion mesh and multi-directional articulation.

CERTIFICATIONS



TECHNICAL DATA

MOD.	NOMINAL FLOW RATE (m³/h)	EXTRACTION CAPACITY (m³/h)	FILTRATION EFFICIENCY (Rule/%)	FILTER SURFACES (m²)	MOTOR POWER (kW)	SOUND LEVEL dB (A)	WEIGHT filter module (Kg)
ICAP 2.0 H	2500	1480	EN 1822 [H13] / 99.5	9	1,5	73	100
ICAP 2.0 E	2500	1800	99.5	---	1,5	73	100

ACCESSORIES

ARTICULATED ARM ARMOFLEX



IBFA	Ø	LENGTH	FLOW RATE	HEAD LOSS	TOTAL WEIGHT
	mm	mm	m³/h	Pa	Kg
160/2	160	2000	from 1000 to 1200	media 850	13
160/3	160	3000	from 1000 to 1200	media 850	14
160/4	160	4000	from 1000 to 1200	media 850	15

ARTICULATED ARM ARMOTECH



IBSA	Ø	LENGTH	FLOW RATE	HEAD LOSS	TOTAL WEIGHT
	mm	mm	m³/h	Pa	Kg
160/2	160	2000	from 1000 to 1200	media 700	18
160/4	160	4000	from 1000 to 1200	media 700	30
160/3	160	3000	from 1000 to 1200	media 700	26

IBS SELF-SUPPORTING ARTICULATED ARM



Wall-mounted self-supporting, articulated arm, lightweight aluminium alloy construction, complete with wall bracket, centrifugal fan and extraction hood.
Available in the following lengths = metres 2 - 3 - 4

MOD.	Ø	LENGTH	FLOW RATE	HEAD LOSS	TOTAL WEIGHT
IBS	mm	mm	m³/h	Pa	Kg
125/2	125	2000	from 700 to 1000	media 800	12
125/3	125	3000	from 700 to 1000	media 800	15
125/4	125	4000	from 700 to 1000	media 800	20
160/2	160	2000	from 1200 to 1800	media 700	18
160/3	160	3000	from 1200 to 1800	media 700	26
160/4	160	4000	from 1200 to 1800	media 700	30
160/5	160	5000	from 1200 to 1800	media 700	35
200/2	200	2000	from 1800 to 2500	average 600	26
200/3	200	3000	from 1800 to 2500	average 600	30
200/4	200	4000	from 1800 to 2500	average 600	36



ARTICULATED ARM + PAB EXTENDER



Thanks to high levels of durability, the PAB series extenders are the ideal solution for increasing the actuation radius of the Ø 160 and 200 Armoflex, Armotech and IBS articulated arms.

MOD.	LENGTH	MAX. FLOW RATE	MAX. FLOW RATE	Dp MAX	MAXIMUM CAPACITY	WEIGHT	WEIGHT
PAB	mt	m ³ /h Ø 160	m ³ /h Ø 200	Pa	Kg	Ø 160	Ø 200
1000	1	1800	2500	550 - 1	60	35	43
2000	2	1800	2500	550 - 1	60	39	49
3000	3	1800	2500	550 - 1	60	44	56
4000	4	1800	2500	550 - 1	60	49	-

PACKAGING



VOLUME m³ 0.91 (120X80X95 cm.)

QR CODE

