

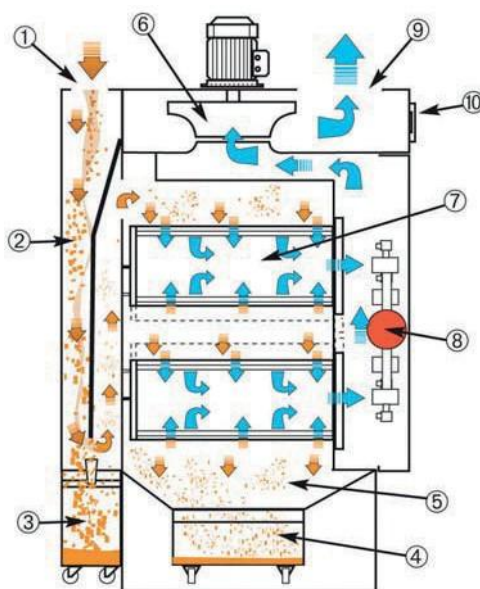


The new IPERJET DF filter equipped with horizontal cartridges is suitable for suction and filtration of welding fumes, fine and coarse dusts as well as of small quantities of chips, dusts/fumes from thermal cutting. It is a filter unit to be installed inside the work premises. If allowed by local regulations, the filtered air can be recycled into the working area giving a considerable energy saving.

The filter unit consists of one pre-chamber where the most dust is sorted out, falling then in the first collecting bin. The following labyrinth together with the high efficiency filtering cartridges and the second collecting bin complete the filtration of the remaining dust.

The high-performance fan, placed just on the top of the unit, assures a high suction capacity and a low noise level

Operating Principle



1. Polluted air inlet
2. Settling chamber
3. Collection Bin
4. Recollection Bin
5. Second settling chamber
6. Fan
7. Filtering cartridges
8. Compressed air tank
9. Clean air outlet
10. Manometer

Optional

Code: 50831012
Inlet connection



Code: 50831013
Inlet connection for arms

1xØ150mm
2xØ150mm



Code: 50831014
Inlet connection for arms

1xØ180mm
1xØ200mm



Clean Air Filters

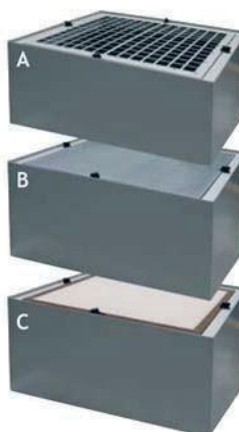
Code: 50831011
Clean air outlet filter



Code: 50831021
Vent (A)

Code: 50831022
Active Carbon (B)

Code: 50831023
Hepa (C)



Code: 50101540
Acrobat arm evolutions 4m



Code: 50831046
Electric control Dashboard

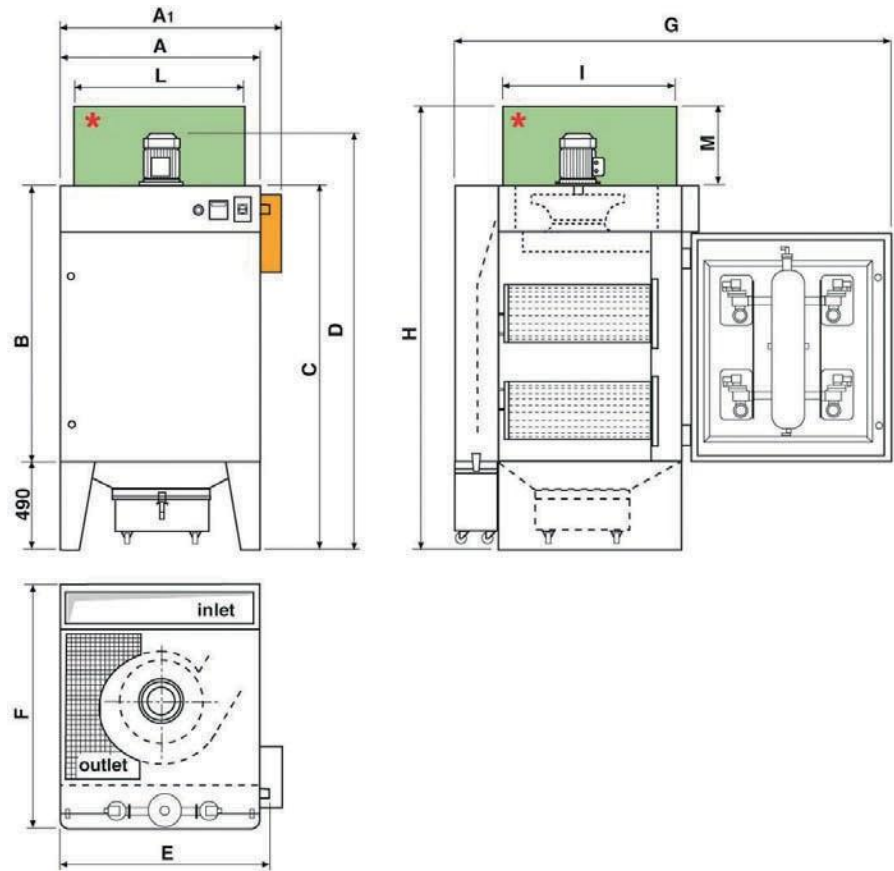


IPERJET DF

Technical Specifications

 Electrical control panel
(standard for DF9 Optional for
DF4 and DF6)

 Sound absorber plenum
(optional)



Dimensions	IPERJET	A	A1	B	C	D	E	F	G	H	I	L	M
	C	930		1120	1610	1915	1015	1210	2085	2043	866	838	433
	DF6— DF6 Thermal cutting	1100		1315	1805	2130	1190	1210	2260	2358	1038	840	553
	DF9— DF9 Thermal cutting		1500	1495	1979	2354		1293	2540	2532	1293	980	553

Cartridge Filters	IPERJET	DF4 - DF4/R	DF6	DF9	Thermal Cutting		
					DF4 - DF4/R	DF6	DF9
	Number of cartridges	4	6	9	4	4	6
	IFA/BGIA class	M PES (Standard) Polyester			M—PES+PTFE MEMBRANE Polyester Teflon Membrane		M—NANOTECH Cellulose with Nanofiber
	Cartridge dimensions	Ø325 - H750 mm			Ø325 - H750 mm		Ø325 — H660 mm

Filter Surface		DF4-DF4/R		DF6	DF9
	IPERJET	3HP-37 m2	4HP-48 m2	5,5HP-72 m2	10HP-108 m2
	IPERJET THERMALCUT M-PES+PTFE/MEMBRANE	3HP-48 m2		4HP-48 m2	5,5HP-72 m2
	IPERJET THERMALCUT M-NANOTECH	3HP-84 m2		4HP-84 m2	5,5HP-126 m2

Code	50834122	50834230	50834322	50836140	50836330	50839140	50839340
IPERJET	DF4	DF4/R	DF4 THERMAL CUTTING	DF6	DF6 THERMAL CUTTING	DF9	DF9 THERMAL CUTTING
Engine power	3HP-2.2 kW	4HP-3 kW	3HP-2.2 kW	5,5HP-4 kW	4HP-3 kW	10HP-7.5 kW	5,5HP-4 kW
RPM	2865	2895	2865	2900	2895	2915	2900
Fan type	PRA250			PRA280	PRA250	PRA320	PRA280
Fan power supply	230/400V 50 Hz			400/690V 50 Hz	230/400V 50 Hz	400/690V 50 Hz	
	optional 60 Hz. can be done.						
Nominal air flow rate	2200 m³/h	3000 m³/h	2000 m³/h	4000 m³/h	2500 m³/h	6500 m³/h	3500 m³/h
Usable static pressure	100 m H ₂ O						
Approximate noise level	78dB-71dB*	78 dB-71 dB*	77 dB-70 dB*	81 dB-75 dB*	77 dB-70 dB*	87 dB-79 dB*	79 dB-73 dB*
Dust tank capacity	80+86 Lt				90+115 Lt		102+137 Lt
Weight	380 kgs	385 kgs	380 kgs	470 kgs		620 kgs	
Compressor pressure	5/6 BAR						
Valve supply	24 VDC						

*Sound-absorbing plenums