

Cleaning DF and Jetclean DF



The CLEANING DF and JETCLEAN DF are filter units equipped with horizontal cartridges suitable for suction and filtration of welding fumes, fine and coarse dusts as well as of small quantities of chips. They are composed by powder coated steel panels and pre-fitted with articulated arm flanged connection model UNIVERSAL NO-SMOKE 3.3 mts (Standard) or EVOLUTION NO-SMOKE 3 mts (Optional) both in Dia 150 mm. They are composed by powder coated steel panels and pre-fitted with articulated arm flanged connection model UNIVERSAL NO-SMOKE 3.3 mts (Standard) or EVOLUTION NO-SMOKE 3

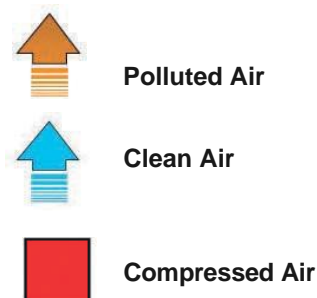
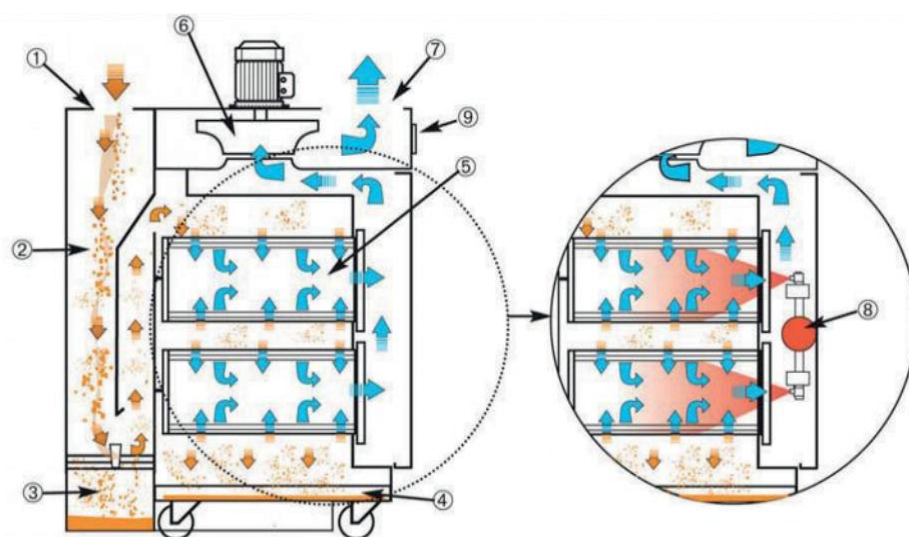
mts (Optional) both in Dia 150 mm. They are engineered to be used inside the work premises. The polluted air is sucked through the inlet thanks to the depression created by the suction fan positioned on the clean side.

The filter unit consists of one vertical pre-chamber, where the heaviest dust is sorted out, then falling in a first collecting bin (A). The following labyrinth together with the high efficiency filtering cartridges complete the filtration of the remaining fine dust collected in the second bin (B). The high-performance fan, placed just on the top of the unit, assures a high suction capacity and a low noise level, the clean air is exhausted out through a top grill.

The JETCLEAN DF thanks to the pneumatic cleaning automatic system (with compressed air) grants the perfect efficiency of the filter cartridges.

The CLEANING DF unit is equipped instead with disposable filter cartridge.

Operating Principle



1. Polluted air inlet
2. Settling chamber
3. Dust tank
4. Collection bins
5. Filtering cartridges
6. Fan
7. Clean air outlet
8. Compressed air tank

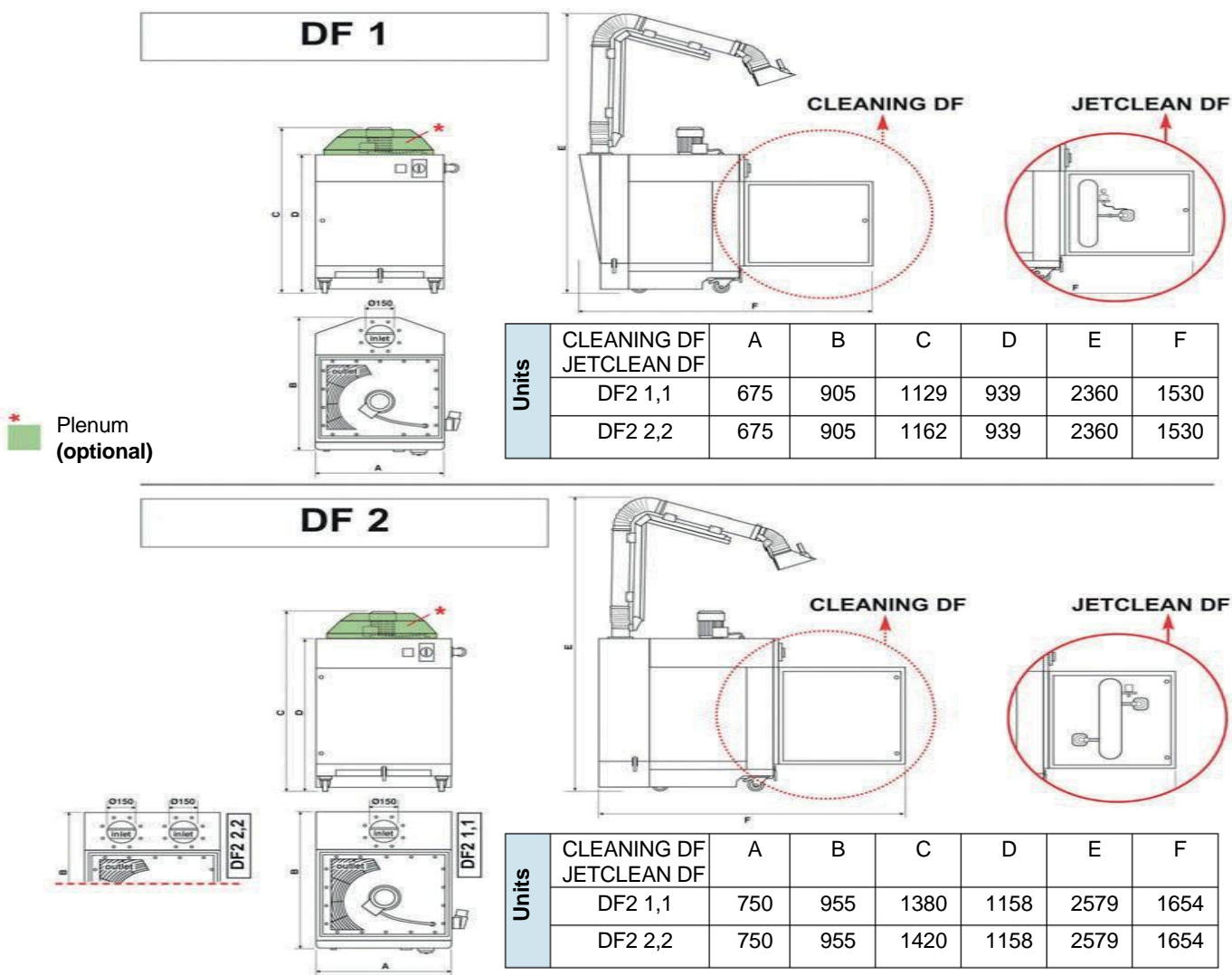
Filter Specification

Cartridge Filter	Cleaning / Jetclean	DF1 0,55	DF1 0,75	DF2 1,1	DF2 2,2
	Cartridge number	1	1	2	2
	Cartridge dimensions	Ø325 - H400 mm		Ø325 - H400 mm	
	IFA/BGIA class	CLEANING DF1		CLEANING DF2	
		M CEL		M CEL	
		Cellulose 12 m ²		Cellulose 24 m ²	
	IFA/BGIA class	JETCLEAN DF1		JETCLEAN DF2	
		M PES		M PES	
		Polyester 8 m ²		Polyester 16 m ²	

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Dimensions



Technical Data

Code	50820155	50820175	50820211	50820222
CLEANING / JETCLEAN	DF1 0,55	DF1 0,75	DF21,1	DF2 2,2
Power Rate	0,75 HP - 0,55 kW	1 HP - 0,75 kW	1,5 HP - 1,1 kW	3 HP - 2,2 kW
Rpm	2800	2800	2800	2800
Fan Type	PRM 220	PRM 220	PRM 250	PRM 250
Fan Power	230-400 V - 50 Hz optional 60 Hz. can be made.			
Nominal air flow rate	1400 m³/h	1450 m³/h	1880 m³/h	2280 m³/h
Air flow rate at Ø150 arm	1000 m³/h	1100 m³/h	1550 m³/h	2150 m³/h
Arm dimensions	1 x Ø150mm	1 x Ø150 mm	1xØ150mm	2 x Ø150 mm
Average noise level	71 dB - 64 dB*	72 dB - 65 dB*	74dB-70dB*	74,5 dB - 70 dB*
Bin dust holding capacity	9+ 15 lt	9+ 15 lt	12+ 28 lt	12+ 28 lt
Weight	105 kg	110 kg	145 kg	160 kg