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**CORAL USA CORP.**

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**WELDING | SMALL GRINDING | SMALL DEBURRING | SMALL DRY DUST**

**OVERVIEW**

The Coral JETCLEAN DF extractor/collector is a **state-of-the-art system** that is **portable** and includes a compressed air cleaning system. The compressed air back pulse cleaning system extends the life of our special large surface area filter cartridges. Maintaining filters at optimum efficiency has always been a problem for traditional collectors, especially in welding fume extraction and dust applications. The JETCLEAN DF has solved this problem and provides the operator with a quality system that can handle the most challenging applications.

**POWERFUL & QUIET**

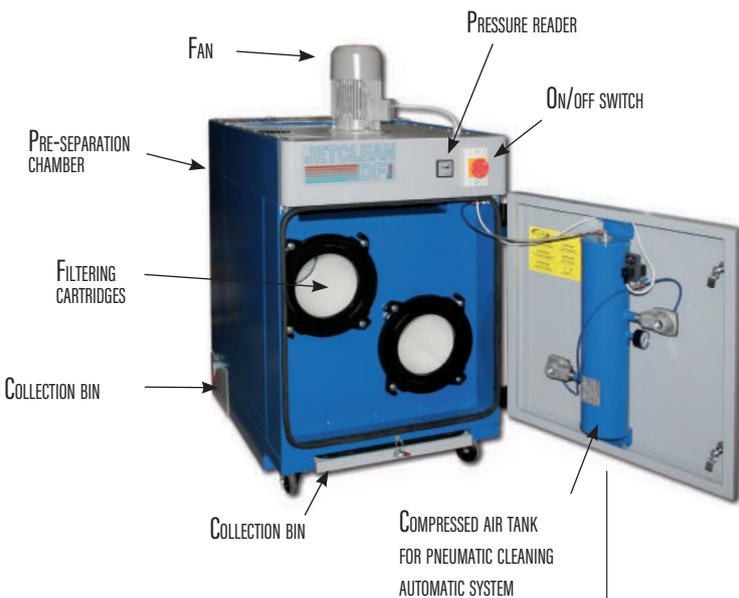
The Coral JETCLEAN DF is extremely quiet and features plug-n-go operation, combined with incredible maneuverability and powerful 1.0, 1.5 or 3.0 horsepower motors which provide up to an amazing 1890 CFM airflow. The Coral JETCLEAN DF is a **highly efficient** and **cost-effective** solution for a wide variety of process applications, including welding, sanding, grinding and deburring.

**WORKING PRINCIPLE**

Welding fumes are captured and extracted away from the welder by our patented EVOLUTION NO-SMOKE extraction arm. The fumes continue traveling through a dirty air inlet pre-separation chamber where heavier particulate falls out of suspension from the air stream. The contaminated air then passes through our high efficiency cartridges, which remove 99% of the airborne contaminants. Clean air is returned to the working environment. The Coral JETCLEAN DF also includes a **differential pressure gauge** to continuously monitor the condition of the filter cartridges.

# JETCLEAN DF

High efficiency extraction and filtration of welding fumes, gases, vapors and aerosols



## OPTIONS



A DF1



A DF2



COLLECTION BIN

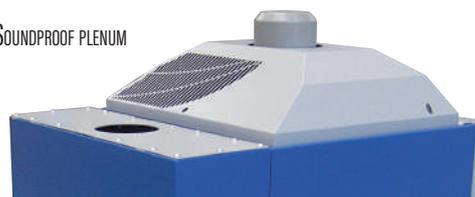


•INLET CONNECTION FOR ARM 08" (For DF2 ONLY)



•PLASTIC HOOD WINGHOOD WITH LIGHT KIT

•SOUNDPROOF PLENUM



•PLENUM WITH ACTIVATED CARBON FILTER OR WITH ABSOLUTE FILTER HEPA H13

# TECHNICAL FEATURES

## OPERATING PRINCIPLE

### PERFORMANCE

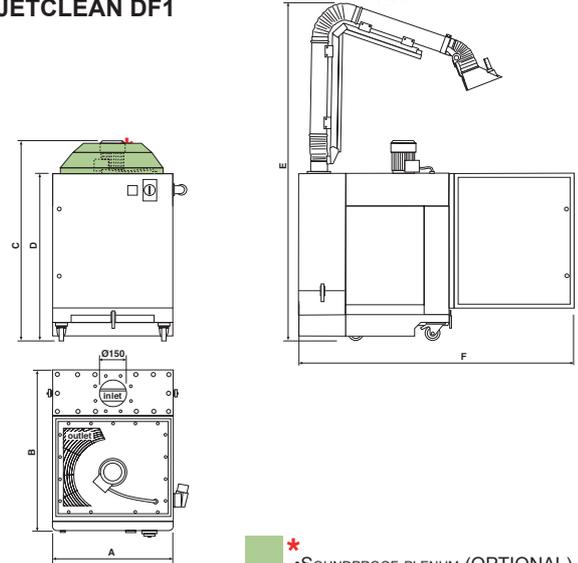
	JETCLEAN DF1		JETCLEAN DF2	
	DF1 0,75	DF2 1,1	DF2 2,2	
POWER	1 HP	1,5 HP	3 HP	
SUPPLY VOLTAGE	110 V	110 V	220/440 V	
FREQUENCY	60 Hz	60 Hz	60 Hz	
NO. OF REVOLUTIONS	3600	3600	3600	
FAN TYPE	PRM220	PRM250	PRM250	
FLOW WITH 1 ARM D.150	856 c.f.m	1109 c.f.m	/	
FLOW WITH 2 ARMS D.150	/	/	1345 c.f.m	
CARTRIDGE FILTER DIMENSIONS	Ø12.8" L=15.7"	Ø12.8" L=15.7"	Ø12.8" L=15.7"	
NO. OF FILTERS	1	2	2	
FILTER TYPE	CARTRIDGE	CARTRIDGE	CARTRIDGE	
FILTER FABRIC TYPE	100% POLYESTER	100% POLYESTER	100% POLYESTER	
IFA/BGIA CLASSIFICATION	M-PES	M-PES	M-PES	
FILTERING SURFACE	86 Sqft	172 Sqft	172 Sqft	
FILTRATION EFFICIENCY	99,9%	99,9%	99,9%	
STORAGE CAPACITY FRONT DRUM	2.3 Gal	3.1 Gal	3.1Gal	
STORAGE CAPACITY BACK DRUM	3.9 Gal	7.4 Gal	7.4 Gal	
WEIGHT	264 Lbs	341 Lbs	374 Lbs	

Sound level dB(A)	72	74	74,5
Sound level with plenum dB(A)	65	70	70

### DIMENSIONS

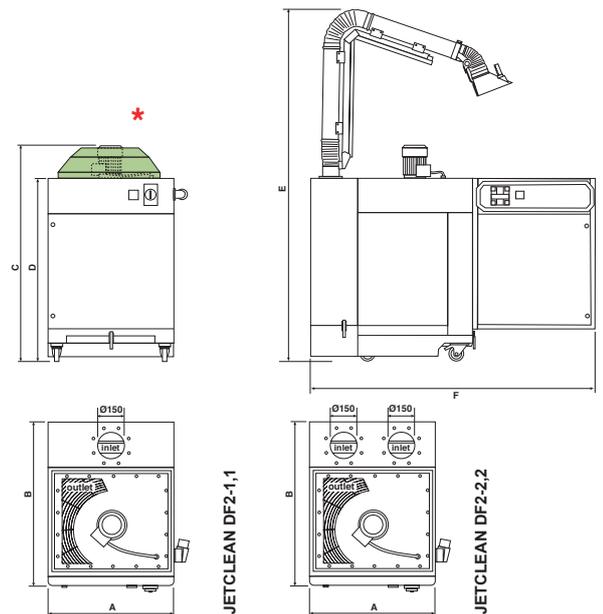
JETCLEAN DF1	A	B	C	D	E	F	INLET
JETCLEAN DF1-0,75	26.5"	35.6"	45.7"	36.9"	92.9"	60.2"	1 x Ø6"
JETCLEAN DF2	A	B	C	D	E	F	INLET
JETCLEAN DF2-1,1	29.5"	37.6"	54.3"	45.6"	101.5"	65.1"	1 x Ø6"
JETCLEAN DF2-2,2	29.5"	37.6"	55.9"	45.6"	101.5"	65.1"	2 x Ø6" vers. from 3 HP

#### JETCLEAN DF1



\* SOUNDPROOF PLENUM (OPTIONAL)

#### JETCLEAN DF2



\* SOUNDPROOF PLENUM (OPTIONAL)