



WELD AND DUST COLLECTIONS SYSTEMS





Weld and Dust Collections Systems Models

MEAX

MEAN

MEAF

MEAF-M

MC-DS

MC-DSS



MEAX

EXTRACTION ARM WITH EXTERNAL JOINT

MEAX Serie Extraction Arms evacuate welding gases and dusts in industrial and central ventilation systems. Suction inlet hose be positioned at the source of toxic gases and with the help of aspiration toxic gases being evacuated. Thanks to hidden hinge mostly preferable for dust collection. 2 mt, 3 mt and 4 mt arms available. 180° Turning Angle provide easy position for suction.

Technical Information

Suggested Usage Airflow	650 m ³ /h ≤ Q ≤ 1200 m ³ /h
Max. Pressure Lost	2200 Pa
Inlet Dimension	160 mm
Bracket	PVC Material, +80 Degree Resistance, Flame Retardant
Flex	-30/+80 Operating Temperature, Flame Retardant, Specially designed for high vacuum resistance
Inlet Flange	2 mm Aluminum material, manual adjustable damper Electrostatic Powder Paint, Light and ergonomic design
Support	Heat treatment steel spring



MEAN

EXTRACTION ARM WITH HIDDEN JOINT

MEAN Serie Extraction Arms evacuate welding gases and dusts in industrial and central ventilation systems. Suction inlet hose be positioned at the source of toxic gases and with the help of aspiration toxic gases being evacuated. 2 mt, 3 mt and 4 mt arms available. 180° Turning Angle provide easy position for suction.

Technical Information

Suggested Usage Airflow	650 m ³ /h ≤ Q ≤ 1200 m ³ /h
Max. Pressure Lost	2200 Pa
Inlet Dimension	160 mm
Bracket	3 mm ST-37 load manufacturing, electrostatic oven paint
Flex	-30/+80 Operating Temperature, Flame Retardant, Specially designed for high vacuum resistance
Inlet Flange	2 mm Aluminum material, manual adjustable damper Electrostatic Powder Paint, Light and ergonomic design
Support	Heat treatment steel spring



MEAF

EXTRACTION ARM STABLE UNIT WITH FILTER

MEAF Serie Filtration Unit supply fresh air cycling from welding gases and dusts in industrial and central ventilation systems. Plug and play principal.

Filters: G4, HEPA, Metal. Carbon filter can be supplied upon request. 1 or 2 arms available in same unit.

Technical Information

Filter	G4-Hepa-Metal (Carbon Filter Upon Request)
Fan Airflow	3200 m ³ /h
Fan Power	1,1 kW
Extraction Arm	2 m. - 3 m. - 4 m.



MEAF-M

EXTRACTION ARM MOBILE UNIT WITH FILTER

MEAF-M Serie Mobile Filtration Unit supply fresh air cycling from welding gases and dusts in industrial and central ventilation systems. Plug and play principal. Filters: G4, HEPA, Metal. Carbon filter can be supplied upon request. 1 or 2 arms available in same unit. %99,8 Efficiency in particules 1 micron.

Technical Information

Filter	G4-Hepa-Metal (Carbon Filter Upon Request)
Fan Airflow	2600 - 3200 m ³ /h
Fan Power	0,75 - 1,1 kW
Extraction Arm	Arm:ST-27 Material Bracket and Joint, 2 mm Aluminum Inlet Flange, Anti Corrosion Work, Units with automation or manual(Both section available)



Options On Request



Anti Corrosion Fans



Ex-Proof

MC-DSC

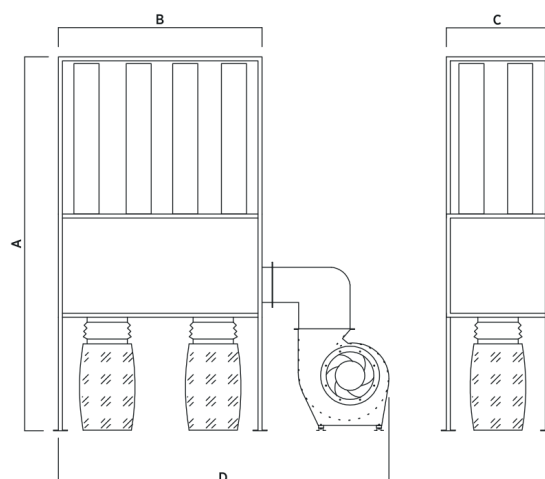
DUST COLLECTOR

MC-DSC Serie Dust Collector fans specifically designed for the Dust Collector market. Featuring a compact design and heavy duty construction for trouble free service. Thanks to its screwed joint assamble, it makes easy to transfer & installation.

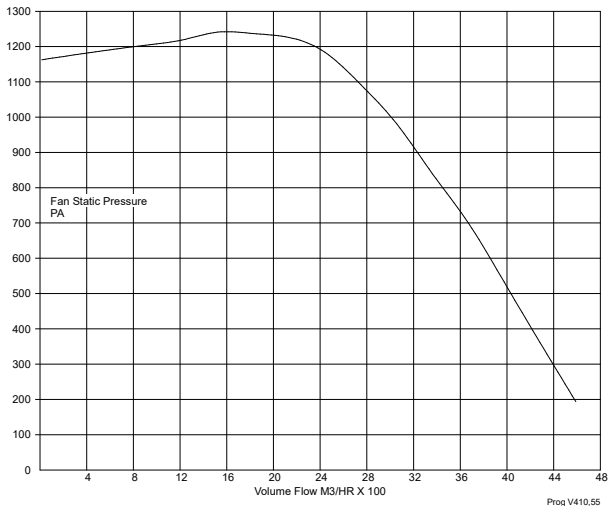
Technical Information

Model Type	Max m ³ /h	Max Pa.	kW	rpm d/d	A	Hz	Voltage
MC-DSC 4.500	4500	1100	1,1	2800	2,4	50	380
MC-DSC 6.200	6200	1400	2,2	2800	4,5	50	380
MC-DSC 12.500	12500	2100	4	2800	7,8	50	380
MC-DSC 16.000	16000	2600	5,5	2800	11	50	380
MC-DSC 20.000	20000	2800	11	2800	23	50	380
MC-DSC 22.000	22000	3000	15	2800	35	50	380
MC-DSC 27.000	27000	3300	18,5	2800	39	50	380

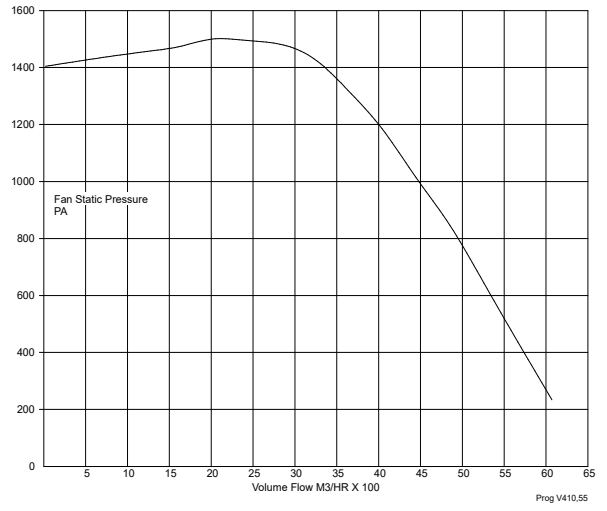
Model Type	A	B	C	D
MC-DSC 4.500	3550	2030	1030	1000
MC-DSC 6.200	3550	2030	1030	1100
MC-DSC 12.500	3700	2530	1280	1200
MC-DSC 16.000	3700	2530	1280	1350
MC-DSC 20.000	4050	3030	1530	1480
MC-DSC 22.000	4050	3030	1530	1480
MC-DSC 27.000	4050	3030	1530	1630



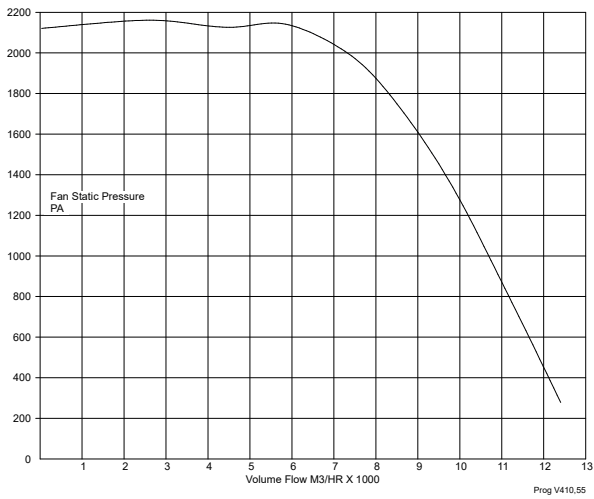
Pressure Curves



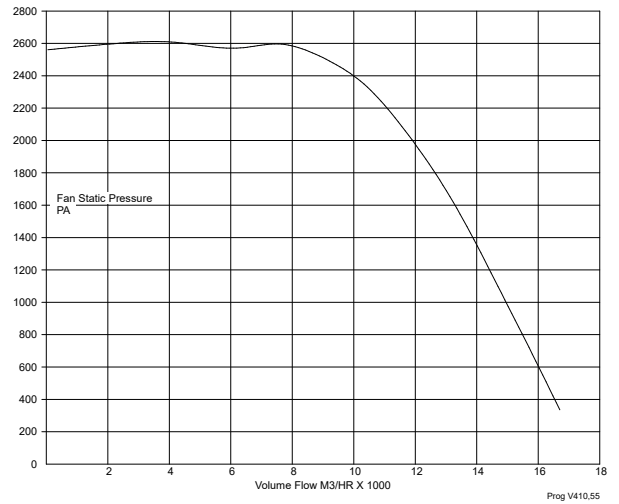
MC-DSC 4.500



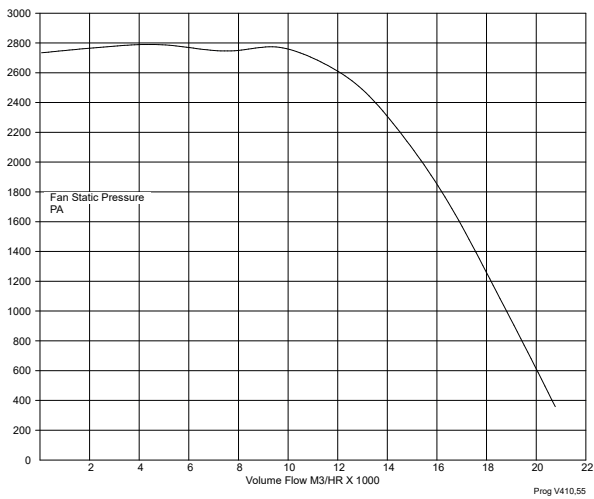
MC-DSC 6.200



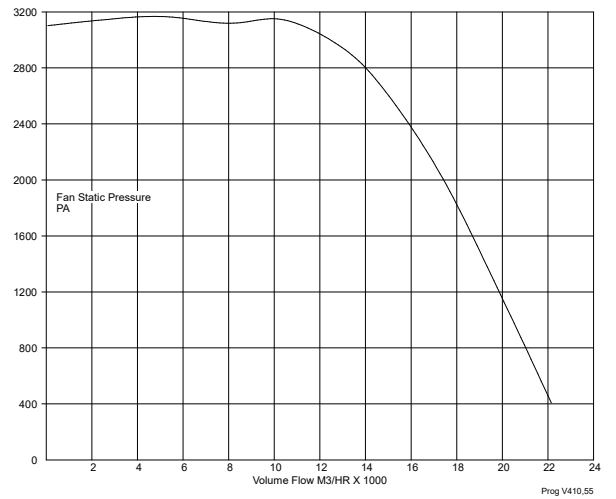
MC-DSC 12.500



MC-DSC 16.000

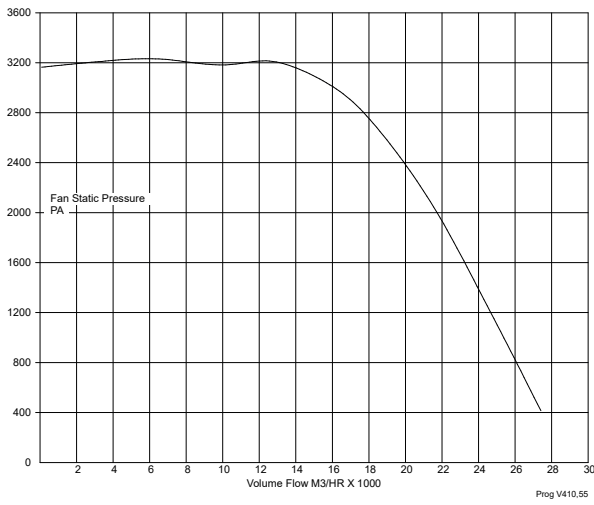


MC-DSC 20.000



MC-DSC 22.000

Technical Information



MC-DSC 27.000



Options On Request



Anti Corrosion Fans



Ex-Proof

MC-DSS

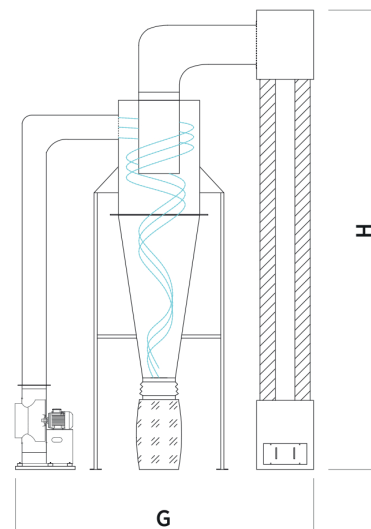
DUST COLLECTOR

MC-DSS Serie Dust Suction Cyclones is designed specifically for high dust load and product recovery applications. It has a mechanical separator that uses centrifugal force to remove dust particulates from the air in industrial applications. Dusty air enters the cyclone and the dust particles travel around the inner wall of the cyclone. As the particles lose their velocity, they drop lower in the cyclone until they drop into the receptical below.

Technical Information

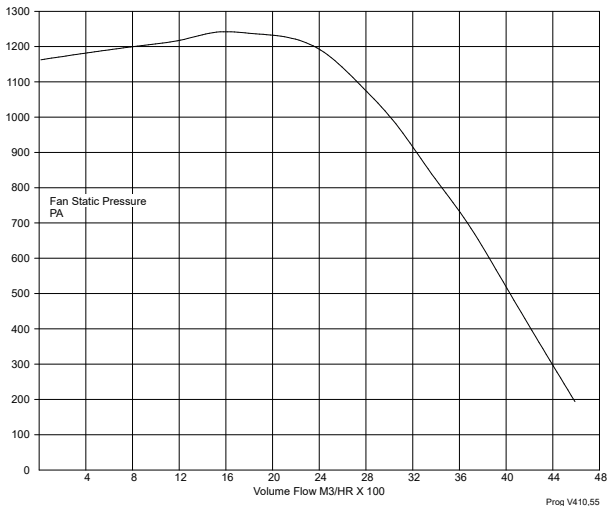
Model Type	Max m ³ /h	Max Pa.	kW	rpm d/d	A	Hz	Voltage
MC-DSS 4.500	4500	1100	1,1	2800	2,4	50	380
MC-DSS 6.200	6200	1400	2,2	2800	4,5	50	380
MC-DSS 12.500	12500	2100	4	2800	7,8	50	380
MC-DSS 16.000	16000	2600	5,5	2800	11	50	380
MC-DSS 20.000	20000	2800	11	2800	23	50	380
MC-DSS 22.000	22000	3000	15	2800	35	50	380
MC-DSS 27.000	27000	3300	18,5	2800	39	50	380

Model Type	H	G
MC-DSS 4.500	4580	2965
MC-DSS 6.200	5848	3295
MC-DSS 12.500	6600	3480
MC-DSS 16.000	8800	4215
MC-DSS 20.000	8800	4215
MC-DSS 22.000	8800	4215
MC-DSS 27.000	8800	4250

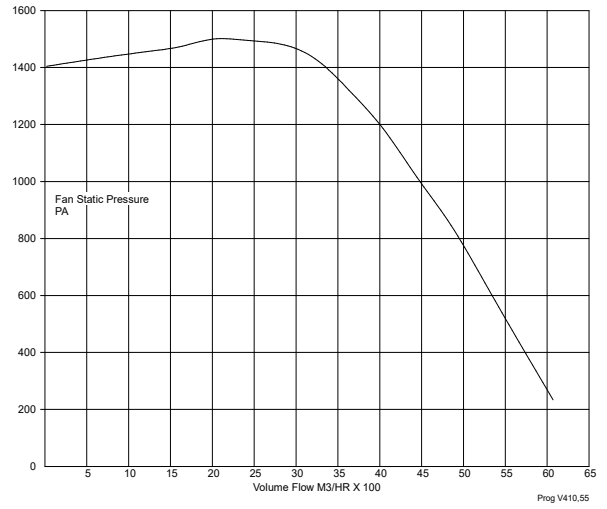




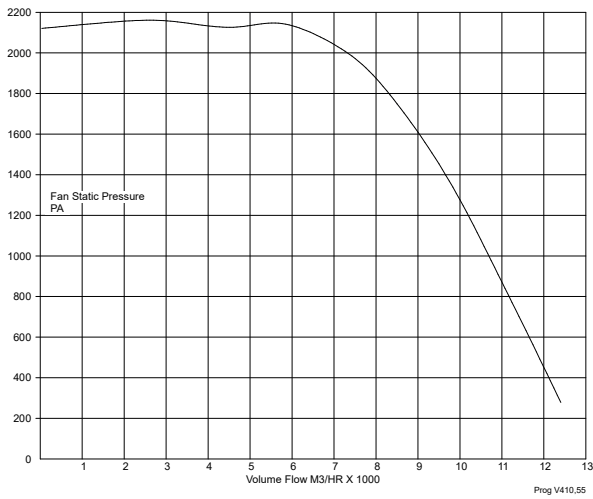
Pressure Curves



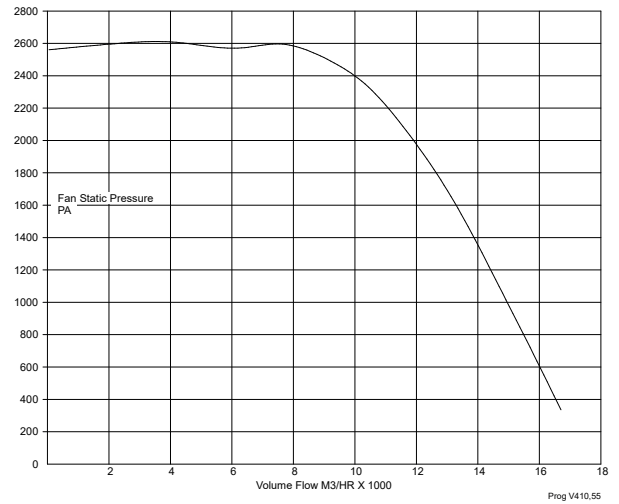
MC-DSS 4.200



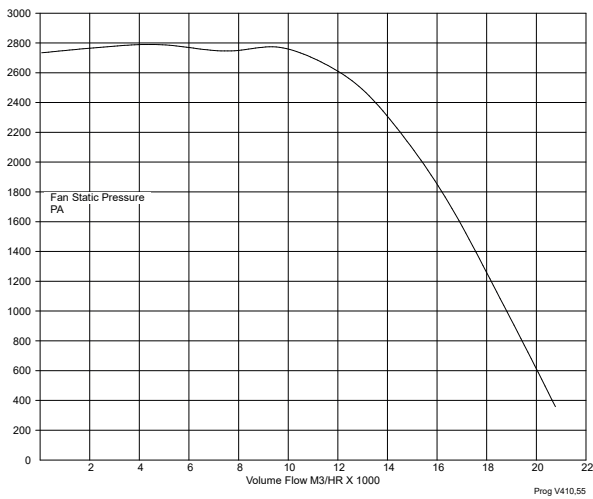
MC-DSS 6.200



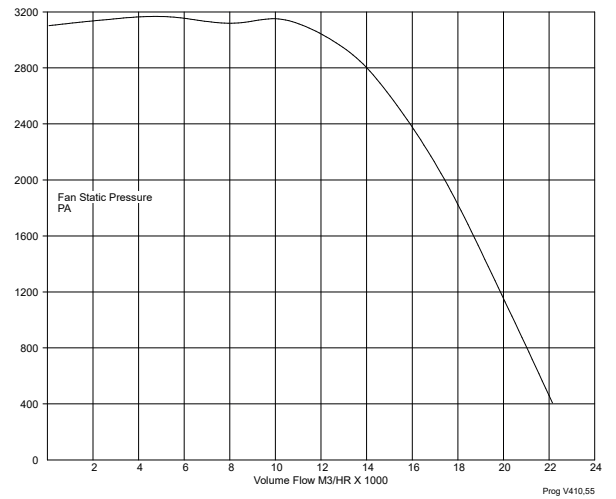
MC-DSS 12.500



MC-DSS 16.000

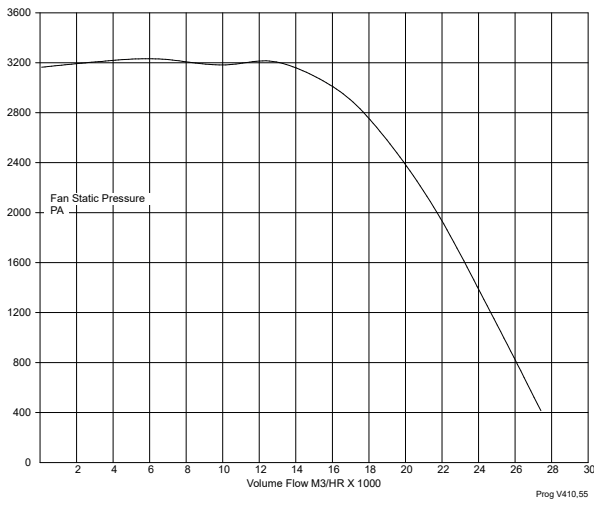


MC-DSS 20.000



MC-DSS 22.000

Pressure Curves



MC-DSS 27.000