

## MTL-1/MTL-2



MODEL		MISTRAL 202 DS ECO M	MISTRAL 202 DS ECO T
Tension	Volt Hertz	230 -1phase 50/60	230/400 -3phase 50/60
Power	kW HP	1,8 2,4	1,8 2,4
Max. water lift	mm.H2O	2300	1800
Max air flow	M3/h	250	250
Filter type	Material	Cartridge - teflon coated	Cartridge - teflon coated
Filter surface	Cm2	30.000	30.000
Filter efficiency	CAT (BIA)/ micron	M <1	M <1
Airload on filter	M3/M2/h	83	83
Capacity	Lt.	20	20
Suction inlet	Ø	60-38	50
Noise level	Db(A)	72	72
Protection	IP	55	55
Dimensions	cm	55x48	55x48
Height	cm	115	115
Weight	kg	30	30

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### Suction unit

The suction is provided by a suction unit of the side channel blower type (with power supply on 230/400 V 3~ /230 V 1~), enclosed in a protective steel casing; it is completely maintenance free, fit for round-the-clock 24 hours duty, very silent; a safety switch cuts off the motor in case of over-heating; a vacuum indicator enables constant checking of the suction performance, and detecting possible clogging of the filter.

### Filter unit

The filter is placed and protected inside the steel filter chamber, and consists of a filter cartridge made of Teflon coated polyester, with extra large filter surface (30.000 cm<sup>2</sup>), and a high filtration efficiency (1 micron, filtration class M). A manual filter cleaning system enables the user to clean the filter efficiently, by means of internal flaps, so as to maintain the filter clean, increase its life and the suction performance of the unit.

### Collection unit

The vacuumed material is placed inside a drop-down bin mounted on wheels (20 litres capacity), which makes it possible to dispose easily and safely of the sucked material, if need be collecting it directly into a paper bag.

The vacuum is completely built in steel and epoxy painted, and mounted on a sturdy steel chassis with fixed wheels and castors, one of which with brakes.

## Options\*

Application	Code	Description
Very fine / toxic dust	A	Absolute hepa filter (BIA certified) with Efficiency 99,995% particle size 0,18 µm standard EN 1822
Corrosive dust and material	X	Stainless steel container AISI304
Corrosive dust and material	XX	Stainless steel container and filter chamber AISI304
Highly Corrosive vapours, dust and material	XXX	Complete stainless steel construction, including chassis and most internal metal parts, container and filter chamber AISI304
Dust and material subject to accumulate static electricity	ANT	Antistatic cartridge filter
Dust and material subject to accumulate static electricity	MT	Total electrical grounding of metal parts
Risk of explosion - Operations in ATEX rated areas	ATEX	Unit built according to ATEX requirements and provided with explosion proof certificate

\* Different combinations of the above options are possible (e.g. AX , vacuum with Absolute filter, 1 micron star filter and stainless steel container).