

MTL 20.18 - INDUSTRIAL THREE PHASE



OEM ORIGINAL EQUIPMENT MANUFACTURER



CHEMICAL-PHARMACEUTICAL



COFFEE, TEA, TOBACCO PROCESSING



- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Pressure relief valve for motor protection
- ✓ Low noise level
- ✓ Compact, silent, and flexible vacuum cleaner, ideal for suction on-board of machinery
- ✓ Star primary filter with integrated ergonomic cleaning system
- ✓ Optional H14 absolute filter for air blowing safety
- ✓ Possibility of using disposable safety bags for material collection and disposal



SUCTION UNIT

Voltage	V - Hz	400 - 50 3
Power	kW	1,8
Max water lift	mmH ₂ O	3000
Max air flow	m ³ /h	270
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	70



FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm ² -mm	12.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Manual	



COLLECTION UNIT

Capacity	l	22
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VOLUME

Dimensions	cm	69x51x129h
Weight	kg	75



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.



FILTER UNIT

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

It is possible to install a HEPA absolute filter (BIA certified) with an efficiency of 99.995% for dust up to 0.18micron, with an AISI304 stainless steel housing on the back of the vacuum cleaner, guaranteeing maximum filtration of the air returned to the environment.



COLLECTION UNIT

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime



OPTIONALS

- ✓ EARTH GROUNDING
- ✓ ATEX CERTIFICATION
- ✓ SAFE BAG SYSTEM FOR THE USE OF DISPOSABLE FILTER BAGS
- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER