

TB UP

TECHNICAL DATA

TB UP	Units	1ph	3	4
Suction type			Side channel blower	
Power	kW - HP	2,2 – 3	3 – 4	4 – 5,5
Voltage Frequency	V Hz	230 50/60	400 50/60	400 50/60
IP Insulation class			55 F	
Maximum vacuum	mBar	230	310	310
Vacuum in continuous run	mBar	210	270	290
Maximum air flow	m³/h	350	420	320
Relief valve			Included	
Inlet	Ø mm	70	70	70
Noise level – (EN ISO 3744)	dB(A)	72	72	72
Bin capacity	Lt	45	45	45
Dimensions	mm	550 x 900	550 x 900	550 x 900
Height	mm	1120	1120	1120
Weight	Kg	85	85	85
Primary filter				
Type		Star filter	Star filter	Star filter
Surface area	cm²	15.000	15.000	15.000
(Class EN 60335-2-69)		M Class	M Class	M Class
Media		Polyester	Polyester	Polyester
Filter cleaning		Manual shaker	Manual shaker	Manual shaker
Absolute filter – Optional				
Surface area	cm²	22.000	22.000	22.000
(Class – EN 1822)		H14	H14	H14
Media		Fiberglass	Fiberglass	Fiberglass



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TB UP



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SUCTION UNIT

The suction unit is a SIEMENS side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee a totally safe continuous work, without any maintenance.



FILTER SHAKER

On one side of the filtration chamber there is an ergonomic manual shaker that permits to clean the filter easily and quickly, removing the dust and debris from the filter surface. Thanks to this smart cleaning system the operator can carry on working without changing or washing the filter.



M CLASS FILTER

The filtration is guaranteed by a M polyester class filter. The star shape permits the passage of the air also when the filter is dirty. The textile of the filter is in M Class (BIA | EN 60335-2-69). It means that all particles till 1 micron are stopped by the filter so as to protect the motors and the operator around the vacuum cleaner.



COLLECTION BIN

The collected material is stocked inside a sturdy steel container. Behind the vacuum cleaner there is a metal handle that permits to drop down the bin. The bin can be easily moved away because it is equipped by 4 pivoting industrial wheels. Each wheel is located on a reinforced support to guarantee the best stability during the movement, also when the container is full.

AVAILABLE OPTIONAL

ANT M	Antistatic filter (M class EN 60335-2-69)
HEPA 14	Absolute filter (EN 1822-5)
MTF	Teflon filter (M class EN 60335-2-69)
PTFE	PTFE filter (M class EN 60335-2-69)
PTFE ANT	Antistatic PTFE filter (M class EN 60335-2-69)
NOMEX	250°Celsius resistant filter
BX	Stainless steel bin AISI 304
GX	Stainless steel bin AISI 304 and chamber
GRD	Grounding