

TECHNICAL DATA			50 Hz	60 Hz
• Power	kW - HP		2,5 - 3,4	---
• Input voltages ^{1) 2)} Current settings available	V A		230 16	---
• Electrical cable length Electrical plug			6 meters Not supplied	
• ATEX mark			NO ATEX	
• Electric protection ^{a)} Insulation class ^{b)} Energetic class ^{c)}			IP 55 F IE1	
• Maximum vacuum Optimum vacuum ³⁾	mmHg		3.100 2.000	---
• Maximum air flow	l/min - m ³ /h		5.000 - 300	---
• Acoustic level ^{d)}	dB (A)		70	---
• Dust Bin: capacity	l		50	
• Diameters: material inlet wheels ⁴⁾ (front - rear)	mm		70 100 - 150	
• Dimensions: L (.045) x W x H (.008) Weight	mm kg		775 (815) x 585 x 1.705 (2.015) 115	
• Packing size ⁵⁾ : L (.045) x W x H (.008) Weight	mm kg		871 (871) x 671 x 1.870 (2.150) 131	
• Primary filter			Star filter	
Surface area Diameter	cm ² - m ² mm		19.500 - 1,95 460	
Dust Class ⁶⁾ Media ⁷⁾			L Polyester	
Filter cleaning ⁸⁾			Ergonomic manual shaker	
• Automatic filter cleaning - Optional			Cartridges kit	
Surface area Nominal output	cm ² - m ² m ³ /h		56.400 - 5,64 2.030	
Dust Class ⁶⁾ Media			M Antistatic polyester	
Compressed air consumption pressure	nl/min bar		48 4 ÷ 6	
• Upstream absolute filter - Optional			HEPA 14	
Surface area Nominal output	cm ² - m ² m ³ /h		35.000 - 3,5 ---	
Dust Class ⁶⁾ Media			H14 Glass fibre	
Efficiency M.P.P.S. ^{f)} (with 0,18 µm particles)			99,995%	
• Downstream absolute filter - Optional			HEPA 14	
Surface area Nominal output	cm ² - m ² m ³ /h		82.000 - 8,2 ---	
Dust Class ⁶⁾ Media			H14 Glass fibre	
Efficiency M.P.P.S. ^{f)} (with 0,18 µm particles)			99,995%	

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; f) EN1822

AVAILABLE VERSIONS

• KF22.100	50 litres single phase vacuum dust collector
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OPTIONS		Basic	Pharma ⁹⁾
• 001	AISI 304 stainless steel dust bin		
• 002	AISI 304 stainless steel dust bin and filtering chamber		
• 003	Entirely made out of AISI 304 stainless steel		
•	Disposal bag balance mechanism		
• 005	Upstream absolute filter (HEPA) with M class primary filter		
• 045	Downstream absolute filter (HEPA) with M class primary filter - version: painted AISI 304 stainless steel		
•	On/off arrangement through clean contacts supplied by processing machine	upon request	upon request
• 008	Automatic filter cleaning (cartridge kit)		
•	AISI 304 stainless steel automatic filter cleaning		
• 006	Electric filter shaker with push button		
•	Pneumatic filter shaker with push button		
•	Automatic pneumatic filter shaker (at switch on or off)		
• 100	Fitted with single-phase vacuum unit	included	included
•	Overheating safety relief valve (included in the 60 Hz version)	included	included

For an effective and proper use according to your application requirements, please see our accessories and spare parts catalogue.

Versions available: L-M-H filtration (for hazardous powders vacuuming) certification
ATEX certified machines



- ¹⁾ Other input voltages upon request
²⁾ **Default factory setting: 230 V**
³⁾ Maximum vacuum in continuous run
⁴⁾ Marks proof wheels
⁵⁾ Standard packing size
⁶⁾ M dust class filters available upon request
⁷⁾ Other materials available according to the material to be vacuumed
⁸⁾ Pneumatic or electric filter shaker with push-button as option
⁹⁾ AISI 316L cleaned welding and inner mirror polished