



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		Ex II 3D - Ex c t IIIB T135°C Dc	
• 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 - m³/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 (L.045) x W x H Weight	mm kg	775 (815) x 585 x 1.705 (2.015) 115	
• Packing size ⁵⁾ : L (L.045) x W x H Weight	mm kg	871 (871) x 671 x 1.870 (2.150) 131	
• Primary filter		Star filter	
Surface area Diameter	cm² - m² mm	19.500 - 1,95 460	
Dust Class ^{6) e)} Media ⁷⁾		M Antistatic polyester	
Filter cleaning ⁸⁾		Ergonomic manual shaker	
• Automatic filter cleaning - Optional		Cartridges kit	
Surface area Nominal output	cm² - m² m³/h	56.400 - 5,64 2.030	
Dust Class ^{e)} Media		M Antistatic polyester	
Compressed air consumption pressure	nl/min bar	48 4 ÷ 6	
• Upstream absolute filter - Optional		HEPA 14	
Surface area Nominal output	cm² - m² m³/h	35.000 - 3,5 ---	
Dust Class ^{f)} 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	cm² - m² m³/h	82.000 - 8,2 ---	
Dust Class ^{f)} 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

• **KF22.100.022B** 50 litres single phase vacuum dust collector - IP55 - ATEX zone 22

OPTIONS		Basic	Pharma ⁹⁾
• 001	AISI 304 stainless steel dust bin	included	
• 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)		
• 045	Downstream absolute filter (HEPA)		
•	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



¹⁾ Other input voltages upon request

²⁾ Default factory setting: 230 V

³⁾ Maximum vacuum in continuous run

⁴⁾ Antistatic wheels with bearings

⁵⁾ Standard packing size

⁶⁾ PTFE coated antistatic star filter available upon request

⁷⁾ Other materials available according to the material to be vacuumed

⁸⁾ Pneumatic filter shaker with push-button as option

⁹⁾ AISI 316L cleaned welding and inner mirror polished