



TECHNICAL DATA		50 Hz	60 Hz
• Power (with ATEX certified vacuum unit)	kW - HP	4 - 5,4	4,6 - 6,2
• Input voltages ^{1) 2)} Current settings available	V A	690Y 4,5Y	---
		400D 7,8D	460D 7,6D
• Electrical cable length Electric plug		6 meters Not supplied	
• ATEX mark		II 3GD - Ex c IIB T3 (200°C) Gc - 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⁾	mmH ₂ O	3.100 - 2.300	3.500 - 2.600
• Maximum air flow	l/min - m ³ /h	6.833 - 410	8.250 - 495
• Acoustic level ^{d)}	dB (A)	73	74
• 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) e)} Media ⁷⁾		M Antistatic 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 ^{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	cm ² - m ² m ³ /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	cm ² - m ² m ³ /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%	



- 1) Other input voltages upon request
- 2) **Default factory setting: 400 V - 50 Hz**
- 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 or electric filter shaker with push-button as option
- 9) AISI 316L cleaned welding and inner mirror polished

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

AVAILABLE VERSIONS

• KF30P.Z2	50 litres three phase vacuum dust collector - IP55 - ATEX zones 2, 22
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OPTIONS		Basic	Pharma ⁹⁾
• 001	AISI 304 stainless steel dust bin	included	upon request
• 002	AISI 304 stainless steel dust bin and filtering chamber	included	upon request
• 003	Entirely made out of AISI 304 stainless steel	upon request	upon request
•	Disposal bag balance mechanism	upon request	upon request
• 005	Upstream absolute filter (HEPA)		
• 045	Downstream absolute filter (HEPA) - version: painted AISI 304 stainless steel	upon request	upon request
•	On/off arrangement through clean contacts supplied by processing machine	upon request	upon request
• 008	Automatic filter cleaning (cartridge kit)	upon request	upon request
•	AISI 304 stainless steel automatic filter cleaning	upon request	upon request
• 006	Electric filter shaker with push button	upon request	upon request
•	Pneumatic filter shaker with push button	upon request	upon request
•	Automatic pneumatic filter shaker (at switch on or off)	upon request	upon request
• 100	Fitted with single-phase vacuum unit	not available	not available
•	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