

TECHNICAL DATA		50 Hz	60 Hz
• Power	kW - HP	1,5 - 2,01	1,75 - 2,35
• Input voltages ^{1) 2)} Current settings available	V A	230 Y 11,0 Y 115 D 22,0 D	230 Y 12,0 Y 115 D 24,0 D
• 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	2.600 1.900	3.100 1.800
• Maximum air flow	l/min - m ³ /h	3.500 - 210	4.167 - 250
• Acoustic level ^{d)}	dB (A)	64	70
• Dust Bin: capacity	l	25	
• Diameters: material inlet wheels ⁴⁾ (front - rear)	mm	50 100 - 150	
• Dimensions: L (L.045) x W x H Weight	mm kg	690 (740) x 465 x 1.475 70	
• Packing size ⁵⁾ : L (L.045) x W x H Weight	mm kg	821 (821) x 551 x 1.640 82	
• Primary filter		Star filter	
Surface area Diameter	cm ² - m ² mm	7.000 - 0,7 360	
Dust Class ^{6) e)} Media ⁷⁾		L Polyester	
Filter cleaning ⁸⁾		Ergonomic manual shaker	
• Automatic filter cleaning - Optional		---	
Surface area Nominal output	cm ² - m ² m ³ /h	---	
Dust Class ^{e)} Media		---	
Compressed air consumption pressure	nl/min bar	---	
• Upstream absolute filter - Optional		HEPA 14	
Surface area Nominal output	cm ² - m ² m ³ /h	14.000 - 1,4 ---	
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	55.000 - 5,5 ---	
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

• KF16.100	25 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)	not available	not available
•	AISI 304 stainless steel automatic filter cleaning	not available	not available
• 006	Electric filter shaker with push button	not available	not available
•	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)		

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