



TECHNICAL DATA		50 Hz	60 Hz
• Power (with ATEX certified vacuum unit)	kW - HP	2,2 - 3	2,55 - 3,4
• Input voltages <sup>1) 2)</sup>   Current settings available	V   A	400Y   4,55Y	460Y   4,5Y
		230D   7,9D	---
• 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 <sup>a)</sup>   Insulation class <sup>b)</sup>   Energetic class <sup>c)</sup>		IP 55   F   IE1	
• Maximum vacuum   Optimum vacuum <sup>3)</sup>	mmH <sub>2</sub> O	2.500   2.200	3.000   2.600
• Maximum air flow	l/min - m <sup>3</sup> /h	3.500 - 210	4.166 - 250
• Acoustic level <sup>d)</sup>	dB (A)	64	70
• Dust Bin: capacity	l	25	
• Diameters: material inlet   wheels <sup>4)</sup> (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 <sup>5)</sup> : 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 <sup>2</sup> - m <sup>2</sup>   mm	7.000 - 0,7   360	
Dust Class <sup>6) e)</sup>   Media <sup>7)</sup>		M   Antistatic polyester	
Filter cleaning <sup>8)</sup>		Ergonomic manual shaker	
• Automatic filter cleaning - Optional		---	
Surface area   Nominal output	cm <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	---	
Dust Class <sup>e)</sup>   Media		---	
Compressed air consumption   pressure		nl/min   bar	
• Upstream absolute filter - Optional		HEPA 14	
Surface area   Nominal output	cm <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	14.000 - 1,4   ---	
Dust Class <sup>f)</sup>   Media		H14   Glass fibre	
Efficiency M.P.P.S. <sup>f)</sup> (with 0,18 µm particles)		99,995%	
• Downstream absolute filter - Optional		HEPA 14	
Surface area   Nominal output	cm <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	55.000 - 5,5   ---	
Dust Class <sup>f)</sup>   Media		H14   Glass fibre	
Efficiency M.P.P.S. <sup>f)</sup> (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.Z2** 25 litres three phase vacuum dust collector - IP55 - ATEX zones 2, 22

OPTIONS		Basic	Pharma <sup>9)</sup>
• 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)	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	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)	upon request	upon request

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



<sup>1)</sup> Other input voltages upon request

<sup>2)</sup> **Default factory setting: 400 V - 50 Hz**

<sup>3)</sup> Maximum vacuum in continuous run

<sup>4)</sup> Antistatic wheels with bearings

<sup>5)</sup> Standard packing size

<sup>6)</sup> PTFE coated antistatic star filter available upon request

<sup>7)</sup> Other materials available according to the material to be vacuumed

<sup>8)</sup> Pneumatic filter shaker with push-button as option

<sup>9)</sup> AISI 316L cleaned welding and inner mirror polished