



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 Electrical plug		6 meters Not supplied	
• ATEX mark		 II 3D - Ex c t IIIC T125°C Dc	
• Electric protection ^{a)} Insulation class ^{b)} Energetic class ^{c)}		IP 65 F IE1	
• Maximum vacuum Optimum vacuum ³⁾	mmHg	3.100 - 2.300	3.500 - 2.600
• Maximum air flow	l/min - m³/h	6.833 - 410	8.250 - 495
• Acoustic level ^{d)}	dB (A)	73	74
• Dust Bin: capacity	l	35	
• Diameters: material inlet	mm	70	
• Dimensions: L x W (W.090) x H Weight	mm kg	900 x 560 (560) x 1.025 55	
• Packing size ⁵⁾ : L x W (W.090) x H Weight	mm kg	950 x 671 (671) x 1.200 59	
• Primary filter		Star filter	
Surface area Diameter	cm² - m² mm	19.000 - 1,9 460	
Dust Class ^{6) e)} Media ⁷⁾		M Antistatic polyester	
Filter cleaning ⁸⁾		Ergonomic manual shaker	
• Automatic filter cleaning - Optional		---	
Surface area Nominal output	cm² - m² m³/h	---	
Dust Class ^{e)} Media		---	
Compressed air consumption pressure	nl/min bar	---	
• Upstream absolute filter - Optional		HEPA 14	
Surface area Nominal output	cm² - m² m³/h	52.000 - 5,2 600	
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

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⁵⁾ Standard packing size

⁶⁾ PTFE coated antistatic star filter available upon request

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

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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

• KH3046P.022 35 litres three phase vacuum dust collector - IP65 - ATEX zone 22

OPTIONS

• 001	AISI 304 stainless steel dust bin	included
•	AISI 316L stainless steel dust bin, "pharma finishing" ⁹⁾	
• 003	AISI 304 stainless steel completely made	
•	AISI 316L stainless steel completely made, "pharma finishing" ⁹⁾	
• 005	Upstream absolute filter (HEPA)	
•	Overheating safety relief valve	included
•	Silencer for painted version	included
•	Silencer for stainless steel version (.003)	included
• 090	On/off switch with thermal protection	
• 100	Fitted with single-phase vacuum unit	not available

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