



TECHNICAL DATA		50 Hz	60 Hz
• Power	kW - HP	0,85 - 1,14	0,95 - 1,27
• Input voltages ^{1) 2)} Current settings available	V A	345Y ... 415Y 2,4Y 200D ... 240D 4,2D	380Y ... 480Y 2,3Y 220D ... 275D 4,0D
• Electrical cable length Electrical plug		6 meters Not supplied	
• ATEX mark		 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	2.000 1.600	2.400 1.600
• Maximum air flow	l/min - m³/h	2.400 - 144	2.916 - 175
• Acoustic level ^{d)}	dB (A)	63	64
• Dust Bin: capacity	l	9	
• Diameters: material inlet	mm	40	
• Dimensions: L x W (W.090) x H Weight	mm kg	650 x 350 (380) x 480 21	
• Packing size ⁵⁾ : L x W (W.090) x H Weight	mm kg	821 x 671 (671) x 650 26	
• Primary filter		Star filter	
Surface area Diameter	cm² - m² mm	2.300 - 0,23 280	
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	12.000 - 1,2 ---	
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: 230 V**

³⁾ Maximum vacuum in continuous run

⁴⁾ ---

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⁾ ---

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

• **KH1028.100.022B** 9 litres single phase vacuum dust collector - IP55 - ATEX zone 22

OPTIONS

• 001	AISI 304 stainless steel dust bin	
•	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	
•	Silencer for painted version	
•	Silencer for stainless steel version (.003)	
• 090	On/off switch with thermal protection	
• 100	Fitted with single-phase vacuum unit	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