



TECHNICAL DATA		50 Hz	60 Hz
• Power (with ATEX certified vacuum unit)	kW - HP	7,5 - 10,2	8,6 - 11,8
• Input voltages ^{1) 2)} Current settings available	V A	690Y 8Y	---
		400D 13,8D	460D 13,5D
• Electrical cable length Electrical plug		9 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	4.700 3.500	5.400 3.700
• Maximum air flow	l/min - m ³ /h	5.333 - 320	6.333 - 380
• Acoustic level ^{d)}	dB (A)	73	76
• Dust bin:	capacity wheels diameter	l mm	
• Diameters:	material inlet wheels ⁴⁾ (front - rear)	mm	
• Dimensions:	L x W x H (H.008) Weight	mm kg	
• Packing size ⁵⁾ :	L x W x H (H.008) Weight	mm kg	
• Primary filter		Star filter	
Surface area Diameter		cm ² - m ² mm	
Dust Class ^{6) e)} Media ⁷⁾		M Antistatic polyester	
Filter cleaning ⁸⁾		Manual filter shaker	
• Automatic filter cleaning - Optional		Cartridges kit	
Surface area Nominal output		cm ² - m ² m ³ /h	
Dust Class ^{e)} Media		M Antistatic polyester	
Compressed air consumption pressure		nl/min bar	
• Upstream absolute filter - Optional		HEPA 14	
Surface area Nominal output		cm ² - m ² m ³ /h	
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

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⁾ Electric filter shaker with push-button available as optional

Normatives: a) IEC60529; b) IEC60085; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; f) EN1822

AVAILABLE VERSIONS

• KB5S.Z2	90 litres three phase vacuum cleaner - IP55 - ATEX zones 2, 22
• KB5S/50.Z2	50 litres three phase vacuum cleaner - IP55 - ATEX zone 2

OPTIONS

• 001	AISI 304 stainless steel dust bin (instead of the painted one)	included
• 002	AISI 304 stainless steel dust bin and filtering chamber	included
• 003	Entirely made out of AISI 304 stainless steel	upon request
• 004	Liquids switch off	not available
• 005	Upstream absolute filter (HEPA)	
• 006	Electric filter shaker with push-button	upon request
• 008	Automatic reverse jet cartridge filtering system	upon request
• 076	Dust bin overfilling switch off	upon request
•	Reinforced dust bin	upon request
•	On/off arrangement through micro-switch	upon request
•	Overheating safety relief valve	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

