



**CONDUCTIVE
AND
NO CONDUCTIVE DUST**

TECHNICAL DATA		50 Hz	60 Hz
• Power (with ATEX certified vacuum unit)	kW - HP	4 - 5,5	4,6 - 6,3
• Input voltages ^{1) 2)} Current settings available	V A	690Y 4,5Y 400D 7,8D	--- 460D 7,6D
• Electrical cable length Electrical plug		9 meters Not supplied	
• ATEX mark		⚠ II 2D - Ex c t IIIC T125°C Db	
• Electric protection ^{a)} Insulation class ^{b)} Energetic class ^{c)}		IP 65 F IE1	
• Maximum vacuum Optimum vacuum ³⁾	mmH ₂ O	3.100 2.600	3.500 2.900
• Maximum air flow	l/min - m ³ /h	5.333 - 320	6.083 - 365
• Acoustic level ^{d)}	dB (A)	69	72
• Dust bin: capacity wheels diameter	l mm	90 - 50 60	
• Diameters: material inlet wheels ⁴⁾ (front - rear)	mm	70 200 - 150	
• Dimensions: L x W x H (H.008) Weight	mm kg	1.000 x 650 x 1.445 (1.745) 125	
• Packing size ⁵⁾ : L x W x H (H.008) Weight	mm kg	1.140 x 730 x 1.700 (2.100) 140	
• Primary filter		Star filter	
Surface area Diameter	cm ² - m ² mm	19.500 - 1,95 460	
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	56.400 - 5,64 2.030	
Dust Class ^{e)} Media		M Antistatic polyester	
Compressed air consumption pressure	nl/min bar	48 4 ÷ 6	
• Upstream absolute filter - Optional		HEPA 14	
Surface area Nominal output	cm ² - m ² m ³ /h	28.000 - 2,8 480	
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

- **KB3.021** 90 litres three phase vacuum cleaner - IP65 - ATEX zone 21
- **KB3/50.021** 50 litres three phase vacuum cleaner - IP65 - ATEX zone 21

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

