



TECHNICAL DATA		50 Hz	60 Hz
• Power (with ATEX certified vacuum unit)	kW - HP	18,5 - 24,8	21,3 - 28,6
• Input voltages <sup>1) 2)</sup>   Current settings available	V   A	690Y   18,8Y	---
		400D   32,5D <sup>2)</sup>	460D   32,0D
• 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 <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	4.000   2.600	4.600   2.800
• Maximum air flow	l/min - m <sup>3</sup> /h	21.667 - 1.300	26.667 - 1.600
• Acoustic level <sup>d)</sup>	dB (A)	78	83
• Dust bin: capacity   wheels diameter	l   mm	175   100	
• Diameters: material inlet   wheels <sup>4)</sup> (front - rear)	mm	100   250 - 200	
• Dimensions: L x W x H (H.008)   Weight	mm   kg	1.720 x 880 x 2.165 (2.170)   385	
• Packing size <sup>5)</sup> : L x W x H (H.008)   Weight	mm   kg	1.800 x 950 x 2.340 (2.385)   405	
• Primary filter		Star filter	
Surface area   Diameter	cm <sup>2</sup> - m <sup>2</sup>   mm	65.000 - 6,5   780	
Dust Class <sup>6) e)</sup>   Media <sup>7)</sup>		M   Antistatic polyester	
Filter cleaning <sup>8)</sup>		Electric filter shaker with push-button	
• Automatic filter cleaning - Optional		Cartridges kit	
Surface area   Nominal output	cm <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	126.400 - 12,64   4.530	
Dust Class <sup>e)</sup>   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 <sup>2</sup> - m <sup>2</sup>   m <sup>3</sup> /h	130.000 - 13,0   1.300	
Dust Class <sup>f)</sup>   Media		H14   Glass fibre	
Efficiency M.P.P.S. <sup>f)</sup> (with 0,18 µm particles)		99,995%	

<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

<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> **Electric filter shaker with push-button included**

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

### AVAILABLE VERSIONS

• **K18/78.Z2** 175 litres three phase vacuum cleaner - IP55 - ATEX zones 2, 22

### 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) - version: painted   AISI 304 stainless steel	upon request
• 006	Electric filter shaker with push-button	included
• 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

