



**CONDUCTIVE  
AND  
NO CONDUCTIVE DUST**

| TECHNICAL DATA                                                                                       |                 | 50 Hz                                                                                                           | 60 Hz               |
|------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------|---------------------|
| • Power (with ATEX certified vacuum unit)                                                            | kW - HP         | 7,5 - 10,3                                                                                                      | 8,6 - 11,8          |
| • Input voltages <sup>1) 2)</sup>   Current settings available                                       | V   A           | 690Y   8Y<br>400D   13,8D                                                                                       | ---<br>460D   13,5D |
| • Electrical cable length   Electrical plug                                                          |                 | 9 meters   Not supplied                                                                                         |                     |
| • ATEX mark                                                                                          |                 |  II 2D - Ex c t IIIC T125°C Db |                     |
| • Electric protection <sup>a)</sup>   Insulation class <sup>b)</sup>   Energetic class <sup>c)</sup> |                 | IP 65   F   IE1                                                                                                 |                     |
| • Maximum vacuum   Optimum vacuum <sup>3)</sup>                                                      | mmHg            | 2.700   2.300                                                                                                   | 3.000   2.600       |
| • Maximum air flow                                                                                   | l/min - m³/h    | 8.500 - 510                                                                                                     | 10.000 - 600        |
| • Acoustic level <sup>d)</sup>                                                                       | dB (A)          | 74                                                                                                              | 78                  |
| • Dust bin: capacity   wheels diameter                                                               | l   mm          | 90 - 50   60                                                                                                    |                     |
| • Diameters: material inlet   wheels <sup>4)</sup> (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)   153                                                                               |                     |
| • Packing size <sup>5)</sup> : L x W x H (H.008)   Weight                                            | mm   kg         | 1.140 x 730 x 1.700 (2.100)   168                                                                               |                     |
| • Primary filter                                                                                     |                 | Star filter                                                                                                     |                     |
| Surface area   Diameter                                                                              | cm² - m²   mm   | 19.500 - 1,95   460                                                                                             |                     |
| Dust Class <sup>6) e)</sup>   Media <sup>7)</sup>                                                    |                 | M   Antistatic polyester                                                                                        |                     |
| Filter cleaning <sup>8)</sup>                                                                        |                 | Manual filter shaker                                                                                            |                     |
| • Automatic filter cleaning - Optional                                                               |                 | Cartridges kit                                                                                                  |                     |
| Surface area   Nominal output                                                                        | cm² - m²   m³/h | 56.400 - 5,64   2.030                                                                                           |                     |
| 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                                                                        | cm² - m²   m³/h | 52.000 - 5,2   600                                                                                              |                     |
| 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 available as optional

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

## AVAILABLE VERSIONS

- **KB5P.021** 90 litres three phase vacuum cleaner - IP65 - ATEX zone 21
- **KB5P/50.021** 50 litres three phase vacuum cleaner - IP65 - ATEX zone 21

## OPTIONS

|              |                                                                |               |
|--------------|----------------------------------------------------------------|---------------|
| • <b>001</b> | AISI 304 stainless steel dust bin (instead of the painted one) | included      |
| • <b>002</b> | AISI 304 stainless steel dust bin and filtering chamber        | included      |
| • <b>003</b> | Entirely made out of AISI 304 stainless steel                  | upon request  |
| • <b>004</b> | Liquids switch off                                             | not available |
| • <b>005</b> | Upstream absolute filter (HEPA)                                |               |
| • <b>006</b> | Electric filter shaker with push-button                        | upon request  |
| • <b>008</b> | Automatic reverse jet cartridge filtering system               | upon request  |
| • <b>076</b> | 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

