



| TECHNICAL DATA | | 50 Hz | 60 Hz |
|--|--|--|---------------|
| • Power (with ATEX certified vacuum unit) | kW - HP | 1,1 - 1,47 | 1,3 - 1,74 |
| • Input voltages ^{1) 2)} Current settings available | V A | 400Y 2,4Y | 460Y 2,4Y |
| | | 230D 4,2D | --- |
| • Electrical cable length Electric plug | | 6 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 | 2.200 1.700 | 2.500 2.100 |
| • Maximum air flow | l/min - m ³ /h | 2.416 - 145 | 2.916 - 175 |
| • Acoustic level ^{d)} | dB (A) | 68 | 69 |
| • Dust Bin: capacity | l | 25 | |
| • Diameters: material inlet wheels ⁴⁾ (front - rear) | mm | 50 100 - 150 | |
| • Dimensions: L (L.045) x W x H Weight | mm kg | 690 (740) x 465 x 1.475 60 | |
| • Packing size ⁵⁾ : L (L.045) x W x H Weight | mm kg | 821 (821) x 551 x 1.640 72 | |
| • Primary filter | | Star filter | |
| Surface area Diameter | cm ² - m ² mm | 7.000 - 0,7 360 | |
| Dust Class ^{6) e)} Media ⁷⁾ | | M Antistatic polyester | |
| Filter cleaning ⁸⁾ | | Ergonomic manual shaker | |
| • Automatic filter cleaning - Optional | | --- | |
| Surface area Nominal output | cm ² - m ² m ³ /h | --- | |
| Dust Class ^{e)} Media | | --- | |
| Compressed air consumption pressure | | nl/min bar | |
| • Upstream absolute filter - Optional | | HEPA 14 | |
| Surface area Nominal output | cm ² - m ² m ³ /h | 14.000 - 1,4 --- | |
| Dust Class ^{f)} Media | | H14 Glass fibre | |
| Efficiency M.P.P.S. ^{f)} (with 0,18 µm particles) | | 99,995% | |
| • Downstream absolute filter - Optional | | HEPA 14 | |
| Surface area Nominal output | cm ² - m ² m ³ /h | 55.000 - 5,5 --- | |
| 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 with bearings
- 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) Pneumatic filter shaker with push-button as option
- 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

| | |
|------------------|---|
| • KF10.Z2 | 25 litres three phase vacuum dust collector - IP55 - ATEX zones 2, 22 |
|------------------|---|

OPTIONS

| | | Basic | Pharma ⁹⁾ |
|-------|---|---------------|----------------------|
| • 001 | AISI 304 stainless steel dust bin | included | upon request |
| • 002 | AISI 304 stainless steel dust bin and filtering chamber | included | upon request |
| • 003 | Entirely made out of AISI 304 stainless steel | upon request | upon request |
| • | Disposal bag balance mechanism | upon request | upon request |
| • 005 | Upstream absolute filter (HEPA) | | |
| • 045 | Downstream absolute filter (HEPA) - version: painted AISI 304 stainless steel | upon request | upon request |
| • | On/off arrangement through clean contacts supplied by processing machine | upon request | upon request |
| • 008 | Automatic filter cleaning (cartridge kit) | not available | not available |
| • | AISI 304 stainless steel automatic filter cleaning | not available | not available |
| • 006 | Electric filter shaker with push button | not available | not available |
| • | Pneumatic filter shaker with push button | upon request | upon request |
| • | Automatic pneumatic filter shaker (at switch on or off) | upon request | upon request |
| • 100 | Fitted with single-phase vacuum unit | not available | not available |
| • | Overheating safety relief valve (included in the 60 Hz version) | upon request | upon request |

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