

### ASPIRATEUR INDUSTRIEL pour PROCESS

Les aspirateurs de la gamme KF sont des aspirateurs polyvalents, adaptés à l'aspiration de tous types de poussières.

Ces aspirateurs sont insonorisés et équipés d'une unité aspirante triphasée sans entretien, permettant une aspiration 24 h/24.

Les KF30 sont également dotés de filtres hygiéniques de grande surface et sont déclinables en version ATEX afin de travailler dans des atmosphères explosives.

Les principales applications des aspirateurs KF sont : les machines d'usinage de précision et d'assemblage, les machines de conditionnement, ainsi que les secteurs de la production alimentaire, cosmétique et pharmaceutique.



|                      |                          |
|----------------------|--------------------------|
| Puissance            | 3,0 KW                   |
| Tension              | 400   50 V               |
| Dépression maximal   | 3.200 mmH <sup>2</sup> O |
| Débit d'aire maximum | 336 m <sup>3</sup> /h    |
| Capacité de la cuve  | 50 l                     |



Indicateur de colmatage



Système de décolmatage ergonomique



Roues de grand diamètre avec freins



Filtre étoile

# KF30



## GENERAL FEATURES

- Overheating safety relief valve
- Mark proof wheels with bearings
- L-M-H filtration for hazardous dust vacuuming upon request

## TECHNICAL DATA

|  |                    | 50 Hz                     | 60 Hz     |
|--|--------------------|---------------------------|-----------|
| <b>Power</b>                             | kW - HP            | 3,0 - 4,0                 | 3,6 - 4,8 |
| <b>Input voltages Y <sup>1)</sup></b>    | V                  | 400                       | 380       |
| <b>Current Y</b>                         | A                  | 6,5                       | 7,4       |
| <b>Input voltages D <sup>1)</sup></b>    | V                  | 230                       | 220       |
| <b>Current D</b>                         | A                  | 11,3                      | 12,8      |
| <b>Electric protection <sup>a)</sup></b> |                    | IP55                      |           |
| <b>Default factory setting</b>           | V   Hz             | 400   50                  |           |
| <b>Electrical cable:</b>                 |                    |                           |           |
| type                                     |                    | 4G2,5 H07RN-F             |           |
| length                                   | m                  | 6                         |           |
| plug                                     |                    | Not supplied              |           |
| <b>Insulation class <sup>b)</sup></b>    |                    | F                         |           |
| <b>Energetic class <sup>d)</sup></b>     |                    | IE1                       |           |
| <b>Maximum vacuum</b>                    | mmH <sub>2</sub> O | 3.200                     | 3.700     |
|  | mbar               | 320                       | 370       |
| <b>Nominal vacuum <sup>2)</sup></b>      | mmH <sub>2</sub> O | 2.400                     | 2.400     |
|  | mbar               | 240                       | 240       |
| <b>Maximum air flow</b>                  | l/min              | 5.600                     | 6.300     |
|  | m <sup>3</sup> /h  | 336                       | 378       |
| <b>Acoustic level <sup>d)</sup></b>      | dB (A)             | 69                        | 70        |
| <b>Environmental working temperature</b> | °C                 | 5 ÷ 40                    |           |
| <b>Dust bin capacity</b>                 | l                  | 50                        |           |
| <b>Wheels material</b>                   |                    | Rubber                    |           |
| <b>Weight</b>                            | kg                 | 115                       |           |
| <b>Packing weight</b>                    | kg                 | 130                       |           |
| <b>Dimensions - L x W x H (H .008)</b>   | mm                 | 775 x 585 x 1.705 (1.905) |           |
| <b>Packing size - L x W x H (H .008)</b> | mm                 | 870 x 670 x 1.860 (2.015) |           |
| <b>Diameters:</b>                        |                    |                           |           |
| material inlet                           | mm                 | 70                        |           |
| air exhaust                              | mm                 | 100                       |           |
| wheels                                   | mm                 | 100 - 150                 |           |

## FILTRATION DATA

|  |   |                                       |                                |
|--|---|---------------------------------------|--------------------------------|
|  | <b>Default primary star filter</b>                            |                                       |                                |
|  | Surface area  | cm <sup>2</sup> - m <sup>2</sup>      | 19.500 - 1,95                  |
|  | Diameter  | mm                                    | 460                            |
|  | Dust Class <sup>e)</sup>   Media <sup>3)</sup>                |                                       | L   Polyester                  |
|  | Filter cleaning   |                                       | Ergonomic manual filter shaker |
|  | <b>Optional primary filter - cartridges kit - Variant 008</b> |                                       |                                |
|  | Surface area   Diameter                                       | cm <sup>2</sup> - m <sup>2</sup>   mm | 56.400 - 5,64   460            |
|  | Dust Class <sup>e)</sup>   Media                              |                                       | M   Antistatic polyester       |
|  | Compressed air consumption   pressure                         | nl/min   bar                          | 48   4 ÷ 6                     |
|  | Filter cleaning   |                                       | Automatic cleaning system      |
|  | <b>Upstream absolute filter - Variant 005</b>                 |                                       |                                |
|  | Surface area  | cm <sup>2</sup> - m <sup>2</sup>      | 28.000 - 2,8                   |
|  | Media   |                                       | Glass fibre                    |
|  | Dust Class <sup>f)</sup>                                      |                                       | H14                            |
|  | Efficiency M.P.P.S. <sup>f) 4)</sup>                          |                                       | 99,995%                        |
|  | <b>Downstream absolute filter - Variant 045</b>               |                                       |                                |
|  | Surface area  | cm <sup>2</sup> - m <sup>2</sup>      | 82.000 - 8,2                   |
|  | Media   |                                       | Glass fibre                    |
|  | Dust Class <sup>f)</sup>                                      |                                       | H14                            |
|  | Efficiency M.P.P.S. <sup>f) 4)</sup>                          |                                       | 99,995%                        |

Normatives: a) IEC60529; b) IEC600085; c) IEC60034-2-1; d) EN60704-2-1; e) EN60335-2-69; f) EN1822

Notes:

<sup>1)</sup> Other input voltages upon request

<sup>2)</sup> Maximum vacuum in continuous run

<sup>3)</sup> Other materials available according to the material to be vacuumed

<sup>4)</sup> With 0,18 µm particles

<sup>5)</sup> "Pharma finishing": AISI 316L cleaned welding and inner mirror polished

## MACHINE

|                  |   |
|------------------|---|
| <b>KF30</b>      | 3 kW, 50 l capacity, grey RAL 9006 painted, 460 mm diameter three phase industrial vacuum cleaner   |
| <b>KF30-60Hz</b> | 3,6 kW, 50 l capacity, grey RAL 9006 painted, 460 mm diameter three phase industrial vacuum cleaner |

## OUTFITS

|              |   |
|--------------|---|
| <b>ACD</b>   | Appliance for combustible dust vacuuming according to IEC 60335-2-69 ED6 – 2020   |
| <b>001</b>   | AISI 304 stainless steel dust bin   |
| <b>001P</b>  | AISI 316L stainless steel dust bin - Pharma finishing <sup>5)</sup>   |
| <b>002</b>   | AISI 304 stainless steel dust bin and filtering chamber   |
| <b>002P</b>  | AISI 316L stainless steel dust bin and filtering chamber - Pharma finishing <sup>5)</sup>   |
| <b>003</b>   | Entirely made out of AISI 304 stainless steel   |
| <b>003P</b>  | AISI 304 stainless steel completely made with AISI 316L stainless steel dust bin and filtering chamber - Pharma finishing <sup>5)</sup> |
| <b>005</b>   | Upstream absolute filter (HEPA) with M dust class primary filter  |
| <b>006</b>   | Electric filter shaker with push-button   |
| <b>006A</b>  | Automatic electric filter shaker  |
| <b>007</b>   | Pneumatic filter shaker with push-button  |
| <b>007A</b>  | Automatic pneumatic filter shaker (adjustable at switch on or at switch off)  |
| <b>008</b>   | Automatic reverse jet cartridge filtering system  |
| <b>008SS</b> | Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel  |
| <b>008P</b>  | Automatic reverse jet cartridge filtering system - version: AISI 316L stainless steel - Pharma finishing <sup>5)</sup>                  |
| <b>045</b>   | Downstream absolute filter (HEPA) with M dust class primary filter - version: painted   |
| <b>045SS</b> | Downstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel                                  |
| <b>075</b>   | Bin overfilling machine switch off  |
| <b>104</b>   | Remote on/off switch arrangement through dry contact onto processing machine electric control panel                                     |
| <b>120</b>   | M dust class primary filter   |
| <b>320</b>   | Vulkollan wheels  |
| <b>603</b>   | Disposal bag vacuum balance system for dust collection directly into plastic bags   |