NILFISK VHS110 IECEX Z22

# More power. More safety. Only 400mm diameter.




NILFISK

# The singlephase explosion-proof industrial vacuum for your company

Model VHS110 IECEx is the right choice whenever you need a compact singlephase industrial vacuum that can assure top safety standards thanks to its brushless motor, high filtration performance up to ULPA15· and wide range of antistatic accessories.

The VHS110 IECEx is an explosion proof singlephase industrial vacuum suitable for use in Zone 22.

Equipped with a brushless motor, this model assures high safety standards, together with great performance rates in term of airflow. It also needs little maintenance and is suitable for continuous use.

Filtration is another top-feature: the standard model is equipped with a L-class antistatic star filter with a $1m^2$ area; absolute filters HEPA14/ULPA15 for the safe collection of toxic dust are available as optional.

The innovative PullClean system allows a fast and efficient filter cleaning while the machine is running.

Model VHS110 IECEx is compact, so it can easily used everywhere, but with a good capacity, thanks to its 37L removable container. The simple design allows It to be cleaned and sanitised easily, the VHS110 IECEx is highly appreciated for its modularity, that allows the operator to upgrade it in few minutes in field.

VHS110 IECEx: meets the highest safety standard in Australia for combustible dust.



**The powerful, brushless single-phase motor** ensures continuous use and is furthermore maintenance-free.

**All 3rd-party certified to the highest IECEx standard**, this industrial vacuum provides unique safety for the operator with the highest safety standards on the market.

Available with **37L steel container** with a practical container release system or with longopac endless bag capture and disposal.




## Top features and benefits include:

- A single-phase motor with high air volume and immense vacuum power
- A maintenance-free motor
- Gravity unload system with optional Longopac (endless bag)
- Increased efficiency of the innovative PullClean™ system due to a high-pressure difference
- Highest safety standards on the market, all 3rd-party certified to IECEx
- Absolute filtration for cooling air
- For enhanced general cleaning of the workplace and processing machines
- For overhead cleaning to avoid contamination
- Explosion-proof and fully grounded
- Vacuometer to monitor constantly performance

**PULL**CLEAN™

IECEx




## Technical specifications

| Description | Unit | VHS110 IECEx Z22 EXA FM AU CB4012 | VHS110 IECEx Z22 EXA FM Longopac |
|---|---|---|---|
| Rated power | kW | 1.1 | 1.1 |
| Frequency | Hz | 50 | 50 |
| Insulation class | | F | F |
| Protection class | IP | 55 | 55 |
| Voltage | V | 240 | 240 |
| Airflow with 3 m. hose | $m^3/h$ – l/min | 216 – 3,600 | 216 – 3,600 |
| Vacuum | mbar/kPa | 220/22 | 220/22 |
| Sound pressure level | dB(A) | 73 | 73 |
| Dimensions LxWxH | mm | 560X570X1240 | 560X570X1240 |
| Net Weight | kg | 43 | 43 |
| Inlet | mm | 50 | 50 |
| Main filter type | | M-Class Start filter | M-Class Start filter |
| Main filter area | $cm^2$ | 10,000 | 10,000 |
| Container capacity | l | 37 | NA |

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