

# W2 EX1/2D vacuum cleaner with manual filter cleaning ATEX Z22 certified

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- ✓ ACD classification for vacuuming combustible dust in non-classified zones
- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified
- ✓ Compliance to EN IEC 62784:2018 for zone 22

## Suction Unit

|                         |   |                 |
|-------------------------|---|-----------------|
| Power supply            | V - Hz  | 230 - 50/60 1~  |
| Marking                 | II 1/3D Ex h tb IIIC T80° (int)/T95°C (ext) Da/Dc |                 |
| EX Category             | CE EX 22 1/3D                                     |                 |
| Power                   | kW  | 1 x 1,1 by-pass |
| Maximum depression      | mmH2O   | 2.400           |
| Maximum air flow rate   | m3/h  | 180             |
| Noisiness (EN ISO 3744) | dB(A)   | 76              |

## Filter Unit


|                           |                     |              |
|---------------------------|---------------------|--------------|
| Surface area - diameter   | cm <sup>2</sup> -mm | 20.000 - 420 |
| Total filter surface area | cm <sup>2</sup>     | 11.000       |
| Filter media - class      | IEC 60335-2-69      | M ANT        |
| Cleaning system           | Handbook            |              |

## Collection unit

|                      |                         |    |
|----------------------|-------------------------|----|
| Capacity             | lt                      | 40 |
| Collection container | Stainless Steel AISI304 |    |

## Encumbrances

|            |    |            |
|------------|----|------------|
| Dimensions | cm | 63x57x120h |
| Weight     | kg | 49         |

APPLICATIONS:  Food, chemical and pharmaceutical industry



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## SUCTION UNIT

The suction unit is ATEX certified

## FILTER UNIT

The antistatic polyester pocket filter is located inside the steel filtering chamber and protects the suction unit, ensuring high dust retention and purity of the exhaust air thanks to its large surface area and high filtration efficiency. A manual cleaning system, consisting of a vertically moving filter shaker, allows the operator to clean the filter effortlessly at any time, extending the filter's life and preventing it from becoming saturated and reducing suction power. The suction system positioned below the filter allows the simultaneous suction of dust, solids and liquids without the need to replace or remove the filter.

## COLLECTION UNIT

The vacuumed material is collected in an AISI304 stainless steel container, mounted on wheels, which allows for quick and clean disposal. The vacuumed liquid can be discharged through a discharge valve at the rear of the vacuum cleaner