

W2 AIR-EX 1/2D – ATEX certified industrial compressed air vacuum cleaner

INDUSTRIAL VACUUMS



- ✓ Compressed air supply via a Venturi unit
- ✓ The inside of the filter chamber is ATEX Z20 certified; the outside of the machine is Z21 certified

APPLICATIONS:



Suction Unit

| | | |
|-------------------------|------------------------------|---------------------|
| Zone use | | Hazardous location |
| EX Category | | CE EX 21 1/2D |
| Maximum depression | mmH2O | 3.700 |
| Maximum air flow rate | m3/h | 150 - 300 |
| Nozzle | mm | 50 |
| Noisiness (EN ISO 3744) | dB(A) | 78 |
| Air supply | nlt/min (nm ³ /h) | 729 (43) -1458 (87) |
| Air supply pressure | bar | 6 |
| Air supply hose | mm | 12 |

Filter Unit

| | | |
|---------------------------|---------------------|---------------|
| Primary filter | | Pockets |
| Surface area - diameter | cm ² -mm | 420 |
| Total filter surface area | cm ² | 20.000 |
| Filter media - class | IEC 60335-2-69 | M ANT |
| Cleaning system | | Handbook |
| Filtration efficiency | | |
| Absolute filter | | Standard |
| Surface area - diameter | cm ² -mm | 11.000-20.500 |

Collection unit

| | |
|-------------------|-------------------|
| Collection system | Release container |
|-------------------|-------------------|

Encumbrances

| | | |
|------------|----|------------|
| Dimensions | cm | 63x57x110h |
| Weight | kg | 50-51 |

W2 AIR-EX 1/2D – ATEX certified industrial compressed air vacuum cleaner

INDUSTRIAL VACUUMS

SUCTION UNIT

Suction is generated by one Venturi air vacuum unit enclosed in a solid steel head containing sound-absorbing material. This minimises noise during operation.

FILTER UNIT

Inside the steel filter chamber is the antistatic polyester pocket filter, which protects the suction unit and prevents the risk of sparks due to static energy build-up. An absolute filter (99.995% of 0.18 micron, Class H) is included to ensure the retention of the finest dust and the purity of the exhaust air.

COLLECTION UNIT

The vacuumed material is collected in a stainless steel container, mounted on wheels, which allows for quick and clean disposal.