



DM3 2BL - ATEX EXPLOSION PROOF



FOOD INDUSTRY



ALUMINUM AND PVC



ELECTRONICS



PACKAGING



WOOD



- ✓ Complete steel construction
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Earth grounding

- ✓ Easy to clean and to maintain
- ✓ ATEX-certified Z22
- ✓ Motor with very long service life
- ✓ High efficiency filtration
- ✓ Compact and mobile



SUCTION UNIT

| | | |
|---------------------------|---------------------------------|-------------|
| Atex zones | ATEX Z22 | |
| Marking | Ex II 3D Ex tc IIIB T135°C X Dc | |
| Voltage | V - Hz | 230 - 50 1~ |
| Power | kW | 2,2 |
| Max water lift | mmH ₂ O | 2.250 |
| Max water lift | mmH ₂ O | 2.250 |
| Max air flow | m ³ /h | 430 |
| Suction inlet | mm | 80 |
| Noise level (EN ISO 3744) | dB(A) | 76 |



FILTER UNIT

| | | |
|-----------------------|---------------------|-------------------|
| Filter Type | Star | |
| Surface - Diameter | cm ² -mm | 30.000 - 500 |
| Material - Efficiency | IEC 60335-2-69 | Polyester - ANT M |
| Cleaning system | Manual | |



COLLECTION UNIT

| | | |
|----------|----|-----|
| Capacity | lt | 100 |
|----------|----|-----|



VOLUME

| | | |
|------------|----|------------|
| Dimensions | cm | 77x66x150h |
| Weight | kg | 85 |



SUCTION UNIT

The suction unit is equipped with 2 Brushless motors that allow the machine to be used in maximum safety even in areas at risk of explosion thanks to the absence of charcoal. The motors are soundproofed and protected by different levels of filtration. The motors are powered by two independent switches and it is possible to adjust the suction performance by using a potentiometer located on the head.



FILTER UNIT

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust. It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

The stainless steel collection tank has a quick system for the rapid disposal of the sucked material.

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST