



PHARMA 20 Z22 - ATEX EXPLOSION PROOF



CEMENT



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



WINE



PACKAGING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Low noise level
- ✓ Integrated filter cleaning system
- ✓ Compact and mobile
- ✓ Complete steel construction
- ✓ Atex certified for Zone 22
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Conceived for fine and hazardous dust suction
- ✓ Vacuum gauge to detect filter clogging



SUCTION UNIT

| | | |
|---------------------------|--------------------|---------------------------------|
| Atex zones | | ATEX Z22 |
| Marking | | Ex II 3D Ex tc IIIB T135°C X Dc |
| Voltage | V - Hz | 400-50 3~ |
| Power | kW | 1.8 |
| Electrical protection | IP | 55 |
| Max water lift | mmH ₂ O | 2300 |
| Max air flow | m ³ /h | 250 |
| Suction inlet | mm | 50 |
| Noise level (EN ISO 3744) | dB(A) | 67 |



FILTER UNIT

| | | |
|-----------------------|---------------------|-------------------|
| Filter Type | | Cartridge |
| Surface - Diameter | cm ² -mm | 30.000-360 |
| Material - Efficiency | IEC 60335-2-69 | Polyester - ANT M |
| Cleaning system | | Dustop |



COLLECTION UNIT

| | | |
|----------|----|----|
| Capacity | lt | 33 |
|----------|----|----|



VOLUME

| | | |
|------------|----|------------|
| Dimensions | cm | 52x69x147h |
| Weight | kg | 72 |



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.



FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

It is possible to clean the filter using the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

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



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ ACTIVATED CARBON FILTER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ INTERNAL POLISHING FOR FILTER CHAMBER AND TANK
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST