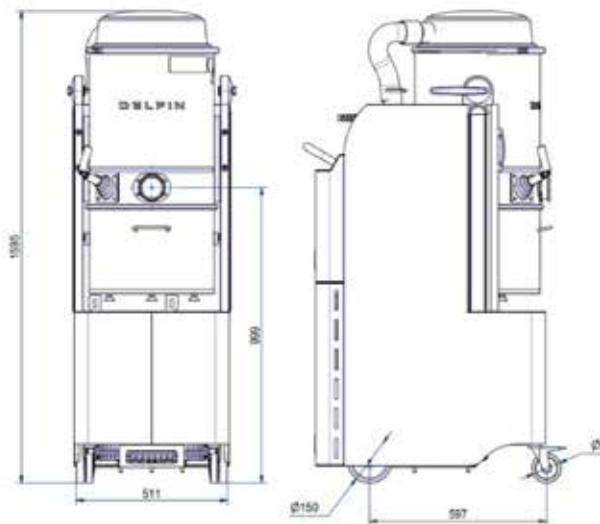


# PHARMA 40.40 Z22

ATEX ZONE 22 CERTIFIED VACUUM CLEANER FOR DUST REMOVAL IN THE PHARMACEUTICAL SECTOR



Filter category:



## FEATURES

Compact, quiet and flexible industrial vacuum cleaner for on-board machine suction

Star filter with convenient integrated cleaning system, H14 safety filtration systems with Bibo (optional)

Side-channel blower and control panel certified Ex dust-tight.

AISI 304 stainless steel tank with butt-welded bottom, satin-finished exterior, and polished interior. 3" quick-connect stainless steel suction inlet

Compliance with EN IEC 62784:2018 for Zone 22

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## TECHNICAL DATA

|  |                                    | Z22PHARMA40.40-001                                       |
|--|------------------------------------|--|
| Use Zone                                     |                                    | Non-classified environment                               |
| Marking                                      |                                    | II 1/3D Ex h tb IIIC T135°C (Int) / T195°C (ext) Da/Dc   |
| Ex Category                                  |                                    | 1/3D (20 int/22 ext)                                     |
| Voltage                                      | V                                  | 400  |
| Power  | kW                                 | 3.45   |
| Frequency                                    | Hz                                 | 50   |
| Current draw                                 | A                                  | 6.9  |
| Suction inlet diameter                       | mm                                 | AISI 304 Clamp ø70                                       |
| Tank capacity                                | L.                                 | 42   |
| Noise level                                  | dB(A)                              | 69   |
| Dimensions                                   | cm                                 | 89x57x160h   |
| Weight                                       | kg                                 | 120  |
| Maximum vacuum                               | mmH2O                              | 3200   |
| Continuous waterlift                         | mmH2O                              | 2600   |
| Maximum air flow                             | m <sup>3</sup> /h                  | 420  |
| Motor Type                                   |                                    | Three-phase Turbine                                      |
| Primary filter                               |                                    | Star   |
| Primary filter load                          | m <sup>3</sup> (m <sup>2</sup> /h) | 210  |
| Primary filter surface area                  | cm <sup>2</sup>                    | 20000  |
| Primary filter diameter                      | mm                                 | 420  |
| Primary filter media                         |                                    | Antistatic polyester                                     |
| Filter class (IEC 60335-2-69) primary filter |                                    | M  |
| Filter cleaning system                       |                                    | Manual   |
| Absolute HEPA Filter                         |                                    | Included   |
| Filter area of the absolute filter           | cm <sup>2</sup>                    | 205000   |
| Absolute filter class (EN 1822-5)            |                                    | H14 with 99.995% efficiency according to the MPPS method |
| Pressure relief valve                        |                                    | Included   |
| Z22PHARMA40.40-001                           | PHARMA 40 4kW 3D 42L DT DL H X     |  |

## OPTIONAL

| Code  | Description  |
|-------|--|
| FDA   | FDA-certified antistatic filter                                    |
| XX    | Steel container and filter chamber in AISI 304 stainless steel     |
| XXX   | Chamber chassis, container and trolley in AISI 304 stainless steel |
| XX/IP | Mirror polishing of the internal chamber                           |
| SB    | Safe bagging system (1 bag)  |
| H/OUT | H14 absolute filter kit downstream of the air intake               |
| HX/IN | H14 absolute filter with BIBO system and stainless steel housing   |



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