

WHITE LINE · DELFIN · DIRECT EXTRACTION ON BOARD OF MACHINES

## Delfin PHARMA 40.40

Compact, quiet and flexible industrial vacuum for direct extraction on board production machines. AISI 304 stainless steel container, satin finish outside and polished inside. 4.6 kW IE3 motor, 420 m<sup>3</sup>/h and 3,200 mmH<sub>2</sub>O. 42 L container and star filter with integrated cleaning.

- 420 m<sup>3</sup>/h airflow — 3,200 mmH<sub>2</sub>O waterlift
- Star filter with 20,000 cm<sup>2</sup> surface and integrated manual cleaning
- 42 L AISI 304 container — butt-welded bottom, polished inside
- Clamp Ø3" (Ø70 mm) quick coupling in AISI 304
- Optional H14 safety filter and Safe Bag (bag-in/bag-out)
- IE3 motor — 4.6 kW, sound pressure 69 dB(A)



Delfin PHARMA 40.40 AISI 304 stainless steel industrial vacuum for on-board machine extraction

CE — Machinery Directive 2006/42/EC · IEC 60335-2-69 — Filter class M · AISI 304 stainless steel · IE3 motor

### Quick facts

|                    |                                       |
|--------------------|---------------------------------------|
| Type               | On-board extraction                   |
| Motor              | 4.6 kW IE3                            |
| Airflow            | 420 m <sup>3</sup> /h                 |
| Waterlift          | 3,200 mmH <sub>2</sub> O              |
| Sound pressure     | 69 dB(A)                              |
| Container          | 42 L AISI 304                         |
| Filter             | Class M — 20,000 cm <sup>2</sup>      |
| Air load on filter | 210 m <sup>3</sup> /m <sup>2</sup> /h |
| Weight             | 120 kg                                |
| Suction inlet      | Clamp Ø70 mm                          |

### What is the Delfin PHARMA 40.40?

The Delfin PHARMA 40.40 is a compact, quiet and flexible industrial vacuum for direct extraction on board production machines. It is built for fine and hazardous dust, and Delfin can adapt motorisation and equipment to the task. With a 4.6 kW IE3 motor it delivers up to 420 m<sup>3</sup>/h airflow and 3,200 mmH<sub>2</sub>O waterlift, 2,600 mmH<sub>2</sub>O in continuous operation.

The 42 L container is AISI 304 stainless steel with a butt-welded bottom, satin finish outside and polished inside. The suction inlet is a Clamp Ø3" (Ø70 mm) quick coupling in AISI 304. The star filter in antistatic polyester class M (IEC 60335-2-69) has 20,000 cm<sup>2</sup> surface and is cleaned manually with the integrated cleaning system. Options include an H14 absolute filter, FDA-certified filter, Safe Bag system and stainless steel filter chamber and frame.

**Two motor sizes:** The PHARMA 40.40 has 4.6 kW and 420 m<sup>3</sup>/h. For smaller needs, the PHARMA 40.30 has 3.45 kW and 318 m<sup>3</sup>/h with the same container, filter and dimensions.

## Technical specifications

| Parameter                           | Value                                                          |
|-------------------------------------|----------------------------------------------------------------|
| Voltage                             | 400 V, 50 Hz, 3-phase                                          |
| Power (IE3 motor)                   | 4.6 kW                                                         |
| Current draw (400 V)                | 8.6 A                                                          |
| Air load on filter                  | 210 m <sup>3</sup> /m <sup>2</sup> /h                          |
| Max waterlift                       | 3,200 mmH <sub>2</sub> O (continuous 2,600 mmH <sub>2</sub> O) |
| Max airflow                         | 420 m <sup>3</sup> /h                                          |
| Suction inlet                       | Clamp Ø3" (Ø70 mm), AISI 304                                   |
| Container                           | 42 L                                                           |
| Primary filter                      | Star filter (bag type)                                         |
| Filter surface / diameter           | 20,000 cm <sup>2</sup> / Ø420 mm                               |
| Filter media / class                | Antistatic polyester / class M (IEC 60335-2-69)                |
| Filter cleaning                     | Manual — integrated cleaning system                            |
| Sound pressure level (motor, 50 Hz) | 69 dB(A)                                                       |
| Dimensions (L×W×H)                  | 89 × 57 × 160 cm                                               |
| Weight                              | 120 kg                                                         |
| Construction                        | Complete painted steel                                         |

**CE marking based on:** IEC 60335-2-69 • Machinery Directive 2006/42/EC • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU

## Options

The PHARMA 40.40 can be configured with options for filtration, containment and stainless steel.

- **H14 absolute filter kit (cartridge)** — FI.0504.0000
- **FDA-certified filter** — filter media with FDA certificate
- **Stainless steel AISI 304 filter chamber (XX)**
- **Internally mirror-polished filter chamber (XX/IP)** — requires XX
- **Filter chamber and frame in stainless steel AISI 304 (XXX)**
- **Earth grounding (MT)** — ESD protection against electrostatic charge
- **Safe Bag system (SB)** — sealed filter change (bag-in/bag-out)
- **Safe Bag replacement bags** — FI.0469.0000
- **Clamp coupling kit 3"/70 mm in AISI 304** — TA.1115.0000, satin finish
- **Clamp coupling kit 3"/50 mm in AISI 304** — TA.1114.0000, satin finish

## CONTACT

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