



# PHARMA 40.40 DC - DUST CONTAINMENT



CHEMICAL-PHARMACEUTICAL



- ✓ Side channel blower motor, powerful and quiet, totally maintenance-free, suitable for continuous duty
- ✓ Disposable bags for hazardous dust safe disposal
- ✓ Compact, quiet, and flexible vacuum cleaner, ideal for direct extraction at the source
- ✓ Thanks to the cyclonic separator, it separates up to 98% of the dust before using the filter element
- ✓ Wash-in-Place available as an option
- ✓ Absolute filter H14 with BIBO type replacement, for changing without moving to the technical room
- ✓ Possibility of installing 2 additional HEPA absolute filters with BIBO filter replacement
- ✓ Construction in polished AISI316 stainless steel for the parts in contact with dust, AISI304 for the structure
- ✓ Magnehelic - Filter clogging control pressure switch included

## SUCTION UNIT

Voltage	V - Hz	230/460 - 60 3~
Power	HP (kW)	6.2 (4.6)
Electrical protection	IP	55
Max water lift	inH <sub>2</sub> O (mmH <sub>2</sub> O)	104.3 (2650)
Max air flow	CFM (m <sup>3</sup> /h)	294.3 (500)
Noise level (EN ISO 3744)	dB(A)	70
Suction inlet	in (mm)	Clamp 3"

## FILTER UNIT

Primary filter	Absolute filter H14	
Surface Area	ft <sup>2</sup> (m <sup>2</sup> )	22 (2.1)
Media, class (IEC 60335-2-69)2	H14 with 99.995% efficiency at 0.18µm particles	

## COLLECTION UNIT

Discharge system	2 Butterfly valves D150 AISI316 and Disposable bags	
Capacity	gal (L)	7.9 (30)

## SIZE

Dimensions	in (cm) WxLxH	37x22x91 (95x56x232)
Weight	lb (kg)	353 (160)



## SUCTION UNIT

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



## FILTER UNIT

The polished AISI316 stainless steel cyclone, which is also available in a Clean-in-Place version for internal cleaning, separates the dust even though it has no filter element and is capable of filtering 98% (max, tested with placebo dust) of the dust and reducing the required maintenance.

A HEPA absolute filter (BIA certified) with an efficiency of 99.995% for dust up to 0.18 micron installed in an AISI304 stainless steel housing and replaceable via the BIBO system, guarantees complete filtration of the air returned to the environment. Magnehelic gauge for the visual check of filter clogging. Photohelic optional for filter clogging and a visual check, but also for sending signals to external systems.



## COLLECTION UNIT

Cyclone, hopper, and discharge are made of AISI316 stainless steel, polished internally and externally to facilitate the flow of the suctioned material and simplify the cleaning of the unit.

The frame is made of AISI304 stainless steel, guaranteeing durability and strength.

The material is discharged into crimpable plastic containment bags that provide sealing and prevent spillage and any contact with dust even during disposal.

Capacitive sensor as standard for notification of full container.

## OPTIONALS

- ✓ ATEX CERTIFICATION
- ✓ ADDITIONAL ABSOLUTE SUCTION FILTER WITH BIBO SYSTEM
- ✓ STAINLESS STEEL HOUSINGS FOR ADDITIONAL ABSOLUTE FILTERS
- ✓ PHOTOHELIC TO CHECK FILTER CLOGGING OR LACK OF FILTER
- ✓ CRIMPING MACHINE WITH CAPS
- ✓ WASH-IN-PLACE
- ✓ BUTTERFLY VALVE 4" FOR CONTINUOUS DISCHARGE