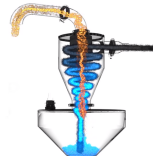




# PHARMA 40.40 DC - DUST CONTAINMENT



CHEMICAL-PHARMACEUTICAL



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Disposable bags for hazardous dusts safe disposal
- ✓ Compact, silent, and flexible vacuum cleaner, ideal for suction on-board of machinery
- ✓ Thanks to the cyclonic separator, it separates up to 98% of the dust before using the filter element
- ✓ Clean in Place available as an option
- ✓ Absolute filter H14 with BIBO type replacement, for changing without having to go 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

## SUCTION UNIT

Voltage	V - Hz	230/460 - 60 3~
Power	HP (kW)	6.1 (4.6)
Max water lift	inH2O (mmH2O)	126 (3200)
Continuous water lift	inH2O (mmH2O)	104.33 (2650)
Max air flow	CFM (m3/h)	294.28 (500)
Suction inlet	in (mm)	2.7 (70), Clamp
Noise level (EN ISO 3744)	dB(A)	73

## FILTER UNIT

Dust separation	High efficiency cyclone	
Maximum efficiency	98%	
OEB level production / maintenance	5 / 4	
HEPA filter	EN 1822-5 - ft <sup>2</sup>	H14 Cartridge - 22 ft <sup>2</sup>

## COLLECTION UNIT

Capacity	gal (lt)	8 (30)
Discharge type	Butterfly discharge valve	
Collection unit	Seal containment bag	

## VOLUME

Dimensions	in (WxLxH)	30x20.4x81.8h
Weight	lbs (kg)	352.7 (160)



## 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

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 maintenance required.

A HEPA absolute filter (BIA certified) with an efficiency of 99.995% for dust up to 0.18micron installed in an AISI304 stainless steel housing and replaceable via the BIBO system, guarantees complete filtration of the air returned to the environment.

An additional 2 HEPA absolute filters can be optionally installed to provide maximum protection for operators.

Magnehelic gauge for the visual check of filter clogging. Photohelic optional for filter clogging and presence 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 a seal and prevent spillage and any contact with dust even during disposal.

Capacitive sensor as standard for notification of full container



## OPTIONALS

- ✓ EARTH GROUNDING
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ ATEX CERTIFICATION
- ✓ INVERTER
- ✓ ABSOLUTE FILTER IN AIR BLOWING
- ✓ ADDITIONAL ABSOLUTE SUCTION FILTER WITH BIBO SYSTEM
- ✓ CLEAN IN PLACE
- ✓ STAINLESS STEEL HOUSINGS FOR ADDITIONAL ABSOLUTE FILTERS
- ✓ PHOTOHELIC TO CHECK FILTER CLOGGING OR LACK OF FILTER
- ✓ HIGH VACUUM VANE PUMP
- ✓ CRIMPING MACHINE WITH CAPS