

ATEX ZONE 22 • DELFIN • STATIONARY

Delfin PHARMA 40.30/40.40 Z22

Large pharmaceutical dust extractor certified to ATEX for Zone 22. Two motor sizes - 3-4 kW. 42-liter AISI304 stainless steel tank. H14 HEPA absolute filter included. Maintenance-free side channel blower for higher capacity.

- ATEX Zone 22 certified
- Two motor options
- 42 L capacity
- H14 HEPA absolute filter



Delfin PHARMA 40.30/40.40 Z22 - Large ATEX Zone 22 certified pharmaceutical dust extractor

ATEX II 3D Ex III B T135°C X Dc · EN 17348:2022 DRY TYPE DUST COLLECTOR · Category 3D - Zone 22

Key Data	
Power PHARMA 40.30	3 kW
Power PHARMA 40.40	4 kW
Airflow PHARMA 40.30	318 m³/h
Airflow PHARMA 40.40	420 m³/h
Max Waterlift	3,200 mmH ₂ O
Tank Capacity	42 L
Weight	120 kg

Two models for flexible capacity

The Delfin PHARMA 40.30/40.40 Z22 series consists of larger, stationary dust extraction units certified to ATEX II 3D Ex III B T135°C X Dc for Zone 22. The series offers two motor sizes with identical stainless steel construction and certification: PHARMA 40.30 (3 kW, 318 m³/h) and PHARMA 40.40 (4 kW, 420 m³/h). Choose PHARMA 40.30 for small to medium production lines and PHARMA 40.40 for higher airflow and dust load demands.

Both models feature identical 42 L collection tank in AISI304 stainless steel, H14 HEPA absolute filter as standard, and maintenance-free side channel blower motor. T135°C X certification provides flexibility for temperature-sensitive work, while Zone 22 approval ensures safe operation in rarely occurring explosive dust atmospheres.

ATEX & GMP compliance: PHARMA 40.30/40.40 Z22 is certified under ATEX Directive 2014/34/EU and meets EN 17348:2022. With 42 L capacity in AISI304 stainless steel and heat-treated finish, it is compatible with GMP requirements in larger pharmaceutical production lines.

Technical Specifications

Parameter	PHARMA 40.30	PHARMA 40.40
ATEX Certification	II 3D Ex III B T135°C X Dc	
ATEX Category	3D - Zone 22	
Standard	EN 17348:2022	
Motor Type	Side channel blower - maintenance-free	
Power	3 kW / 5.7 A	4 kW / 8.4 A
Voltage	400 V, 50 Hz, 3-phase	
Max Airflow	318 m³/h	420 m³/h
Max Waterlift	3,200 mmH ₂ O	
Continuous Waterlift	2,700 mmH ₂ O	2,600 mmH ₂ O
Suction Inlet	Clamp Ø70 mm AISI304	
Tank Capacity	42 L AISI304 stainless steel	
Filter Type	H14 HEPA Absolute Filter - Star media	
Noise Level	69 dB(A)	70 dB(A)
IP Rating	IP65	
Dimensions	76 x 52 x 155 cm (L x W x H)	
Weight	120 kg	

Filter Equipment and Cleaning

All PHARMA 40.30/40.40 Z22 units ship with H14 HEPA absolute filter as standard. The filter delivers 99.995% particle retention at MPPS and is certified per EN 1822:5. Star-filter construction with integrated manual cleaning allows continuous operation without motor power loss. The antistatic polyester filter media guards against static buildup in explosive atmospheres. Filter surface loading varies between model versions to optimize filter lifespan.

Options and Custom Configurations

- **FDA-certified antistatic filter** - for food industry and highest pharmaceutical safety
- **Stainless steel AISI304 filter chamber and frame** - enhanced chemical resistance
- **Polished inner filter chamber** - easier cleaning and maintenance
- **Earth grounding kit** - additional electrostatic discharge protection
- **Safe Bag system (BiBo)** - sealed bag containment during filter replacement
- **Stainless steel coupling clamps** - for 67 mm or 70 mm suction inlet

CONTACT

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