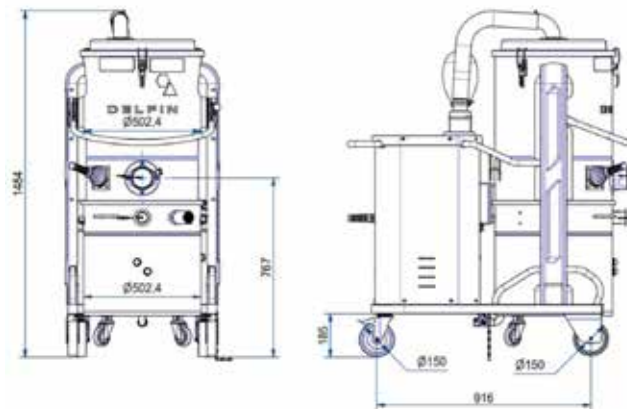


# EXP 50 INERT

INDUSTRIAL VACUUM CLEANER ON WHEELS ATEX ZONE 22 CERTIFIED FOR EXPLOSIVE AND CONDUCTIVE DUST



Filter category:



## FEATURES

Dust and solids

Compact and mobile

Painted steel construction with ABS accessory holder

Antistatic polyester class M with integrated manual filter cleaning

Safety relief valve included, continuous service, maintenance-free

Compliance with EN IEC 62784:2018 for Zone 24

**DELFIN**  
FOR A DUST-FREE WORLD  
[www.delfinvacuums.com](http://www.delfinvacuums.com)  
[delfin@delfinvacuums.it](mailto:delfin@delfinvacuums.it)

## TECHNICAL DATA

 OPTIONAL

		Z22DG50EXPINERT-001
Use Zone		ATEX Zone: 20 Internal/22 External
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	4.6
Frequency	Hz	50
Current draw	A	8.6
Suction inlet diameter	mm	50
Noise level	dB(A)	72
Dimensions	cm	67x120x148h
Weight	kg	137
Inerting liquid capacity	L.	37
Inerting liquid capacity + Suctioned material		44
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)	140
Primary filter surface area	cm <sup>2</sup>	30000
Primary filter diameter	mm	500
Primary filter media		Polyester
Filter class (IEC 60335-2-69) primary filter		ANT M
Filter cleaning system		Manual
Absolute HEPA Filter		Included
Filter area of the absolute filter	cm <sup>2</sup>	26000



COPYRIGHT 2026 DELFIN S.R.L. ALL RIGHTS RESERVED  
COPYRIGHT 2026 DELFIN S.R.L. ALL RIGHTS RESERVED

MACHINE CODE	DESCRIPTION
Z22DG50EXPINERT-001	DG 50 EXP Z22 INERTING H X with Inert stainless steel container

All data mentioned in this document may change without notice. All data contained in this document is subject to change without notice.

**DELFIN**  
FOR A DUST-FREE WORLD

www.delfinvacuums.com  
delfin@delfinvacuums.it