TX 300 | 400 P | 400 S

DEPURECO INDUSTRIAL VACUUMS

THREE PHASE

TECHNICAL DATA

TX	Units	300	400 P	400 S
Type			Side channel blower	
Power	kW-HP	3 - 4	4 – 5,5	4 – 5,5
Voltage | Frequency	V|Hz	400|50/60	400|50/60	400|50/60
IP | Insulation class		55 | F	55 | F	55 | F
Maximum vacuum	mBar	310	250	430
Vacuum in continuous run	mBar	210	160	360
Maximum air flow	m³/h	420	530	330
Relief valve		Optional	Optional	Optional
Inlet	Ø mm	70	70	70
Noise level – (EN ISO 3744)	dB(A)	74	76	76
Bin capacity	Lt	100	100	100
Dimensions	Mm	650x1100	650x1100	650x1100
Height	Mm	1400	1400	1400
Weight	Kg	130	140	140
Primary filter				
Type		Star filter	Star filter	Star filter
Surface | Diameter	cm²	38.000	38.000	38.000
(Class EN 60335-2-69)		M Class	M Class	M Class
Media		Polyester	Polyester	Polyester
Filter cleaning		Manual shaker	Manual shaker	Manual shaker
SP filter cleaning – Optional				
Surface	cm²	90.000	90.000	90.000
(Class EN 60335-2-69)		IFA/BGIA M-PES EXAM ACCREDITED		
Media		Polyester	Polyester	Polyester
Filter cleaning		Reverse jet	Reverse jet	Reverse jet
Absolute filter – Optional				
Surface	cm²	28.000	28.000	28.000
(Class – EN 1822)		H14	H14	H14
Media		Fiberglass	Fiberglass	Fiberglass

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SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.

FILTERING UNIT

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA | EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the blower and the operator around the vacuum cleaner.

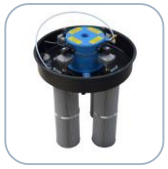
FILTER SHAKER

On one side of the filter chamber there is an ergonomic manual shaker through which the operator can easily and quickly clean the filter, removing any dust and debris from its surface. Thanks to this smart cleaning system the operator can carry on working without needing to change or wash the filter.

COLLECTION BIN

The material is collected inside a painted container equipped with a metal handle which enables the bin to be detached from the machine. Thanks to its 4 swiveling wheels, the bin can be easily moved and emptied. Each wheel is reinforced to guarantee maximum stability during handling.

FILTER CLEANING SYSTEMS AVAILABLE ON REQUEST



The SP option consists in a filter cartridges cleaning system with a reverse air jet at 6 bar. This system is extremely efficient even with finer dust. Each filter is cleaned by independent electrical valves which ensures the cleaning to be carried out without stopping the machine.

The PSC system is a semiautomatic filter shaker. Inside the filter chamber there is a pneumatic piston which shakes the filter each time the operator pushes the activation button. As an option it is possible to install a PLC to have a complete automatic cycle.

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AVAILABLE OPTIONS

PRV	Pressure relief valve installed
TAN	Tangential inlet + cyclone
ANT M	Antistatic filter (M class EN 60335-2-69)
HEPA 14	Absolute filter (EN 1822-5)
MTF	Teflon filter (M class EN 60335-2-69)
PTFE	PTFE filter (M class EN 60335-2-69)
PTFE ANT	Antistatic PTFE filter (M class EN 60335-2-69)
NOMEX	250° Celsius resistant filter
BX	Stainless steel bin AISI 304
GX	Stainless steel bin AISI 304 and chamber
TX	Stainless steel AISI 304, chamber and frame
LP	Longopac bagging system
KDP	Differential pressure KIT for bag
FKL	Forklift bracket
GFR	Lifting eyebolts
GRD	Grounding
FLT	Floating device for liquids

All datas mentioned in this document may change without notice.