

Explosion Proof Vacuums

Pneumatic and Electric Dust Ignition Proof Vacuum Cleaners

Available in both pneumatic and electric versions, these industrial vacuum cleaners safely collect fine powders, petrochemicals and other liquids and debris. Designed with a non-sparking, stainless steel, 19- or 30-gallon tank, the Explosion Proof Vacuums can be used in Class I - Group D and Class II - Groups F and G hazardous locations.



The Electric Explosion Proof Vacuum safely collects debris in an explosion hazardous location.

The Pneumatic Explosion Proof Vacuum with a special non-sparking conductive crevice nozzle is used to clean up potentially explosive polycarbonates and nylon powders.



The Explosion Proof Vacuums require special non-sparking, conductive accessories. Options include a special overhead cleaning tool, aluminum wand, extension wand, floor tools, hose, dust brush and crevice nozzle.










SPECIFICATIONS

EXPLOSION PROOF VACUUMS

		EXP1-75	EXP1-75A
Voltage	volts	115/230	N/A
Min. compressor requirement	h.p.	N/A	15
Airline, diameter	inches	N/A	1/2
Current draw	amps	10/5	N/A
Power	watts	1000	N/A
Waterlift, max.	inches H ₂ O	69	150
Airflow, max.	cfm	130	120
Air performance	air watts	208	208
Tank capacity	gallons	19/30	19/30
Collection capacity	gallons	13/24	13/24
Filter area*	sq. ft.	7.4	7.4
Dimensions, 19-gal. tank (l x w x h)**	inches	26 x 28 x 39.5/40 x 27 x 24	29 x 21.5 x 39.5/42 x 32 x 24
Dimensions, 30-gal. tank (l x w x h)	inches	52 x 27 x 24	54 x 32 x 24
Weight, 19-gal. tank**	lbs.	84/89	58/82
Weight, 30-gal. tank	lbs.	103	95
Sound level @ 10'	dB(A)	78	72
Cord length (airline)	feet	50	50
HEPA filter efficiency†, (DOP-tested)	%	99.97% @ 0.3 microns	
ULPA filter efficiency††, (DOP-tested)	%	99.999% @ 0.12 microns	

FEATURES & BENEFITS

EXPLOSION PROOF VACUUMS

-  Unique main filters made of stainless steel mesh or anti-static stainless steel-blended polyester ensure electrical conductivity.
-  Optional GORE-TEX® carbon fiber-blended polyester main filter is available for fine dust applications.
-  Conductive accessories and optional grounded HEPA filter ensure user safety.
-  Vacuums are suitable for wet or dry collection.
-  19- or 30-gallon collection tank is made of non-sparking, stainless steel.
-  Aluminum, spark-proof trolley features conductive wheels and protective foam padded handle for user safety.
-  Optional carbon-impregnated, conductive polyliner is used for safe collection and disposal of debris.



For portability, Nilfisk Explosion Proof Vacuums come equipped with a spark-proof trolley with conductive wheels.

STANDARD ACCESSORIES

- Aluminum trolley
- Conductive 50' airline (EXP1-75A)
- Stainless steel mesh main filter
- Anti-static stainless steel-blended polyester main filter

OPTIONAL ACCESSORIES

- HEPA filter
- ULPA filter
- GORE-TEX® main filter
- Aluminum wand
- Floor squeegee
- 3" dust brush
- Floor brush
- Crevice nozzle
- Conductive polyliners
- Pipe tool
- Overhead wand
- Static-dissipating vent hose
- Neoprene or nitrile hose

* Filter area includes main and HEPA filter

** With accessories / without accessories

† HEPA - High Efficiency Particulate Air

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†† ULPA - Ultra Low Penetration Air

