



## Continuous Duty Explosion-Proof & Dust Ignition Proof Vacuum

The VHT37 EXP continuous duty vacuum safely collects explosive dust in general cleaning and process-integrated applications. The VHT37 EXP is CSA-certified for use in Class I, Group D and Class II, Groups F and G environments.

### Features and Benefits:

- 5 HP explosion-proof / dust ignition-proof regenerative blower with a TEFC induction motor has few moving parts, requires less maintenance and has a longer service life
- Antistatic polyester star main filter prevents premature clogging
- Upstream HEPA filtration ensures 99.995% of particles are retained, down to and including 0.18 microns
- External filter shaker feature enables the operator to easily clean the main filter
- Removable, wheeled collection container allows for easy disposal and emptying of collected materials
- 304 stainless steel filter chamber and collection container reduces the risk of static and percussion arcing
- 70 mm inlet, manual motor starter, manometer and 50-foot power cord are all standard
- Available with polyliner adapter kit for safer and easier disposal of collected material and downstream ULPA filter for ultra fine dust and particles

For more information on combustible dust preventative maintenance, visit [www.explosionproof-vacuum.com](http://www.explosionproof-vacuum.com).





## Features & Specifications



Technical Features	VHT37 EXP	
Collection type	Dry (Wet Option)	
Voltage @ 60 Hz	220 / 460 / 575 V	
Type of power	3-phase	
Power @ 60 Hz	5 HP (3700 W)	
Current, max.	11.2 / 5.6 / 4.5 amps	
Airflow, blower max.	218 CFM (6167 L/min)	
Waterlift, controlled	85 in. H <sub>2</sub> O (2159 mm H <sub>2</sub> O)	
Container Capacity	26 gal. (100 L)	13 gal. (50 L)
Main Filter Area	20.99 ft. <sup>2</sup> (1.95 m <sup>2</sup> )	
HEPA Filter Area, upstream	37.7 ft. <sup>2</sup> (3.5 m <sup>2</sup> )	
HEPA Filter Efficiency	99.995% @ 0.18 microns	
ULPA Filter Area, downstream	86.11 ft. <sup>2</sup> (8.0 m <sup>2</sup> )	
ULPA Filter Efficiency	99.999% @ 0.12 microns	
Machine Inlet Diameter	70 mm	
Dimensions (L x W x H)	50.8 in. x 23.6 in. x 60.6 in. (1290 mm x 600 mm x 1540 mm)	50.8 in. x 23.6 in. x 49.6 in. (1290 mm x 600 mm x 1260 mm)
Weight, machine only	458.1 lb. (208 kg)	452.1 lb. (205 kg)
Cord Length	50 ft. (15 m)	
Sound Pressure Level @ 1 m	72 dB(A)	

Specifications subject to change without notice.