

CSA-Certified Explosion-Proof Vacuum

- Class I & Class II for combustible material collection

The Nilfisk VHS110 EXP features PullClean filter cleaning technology, and HEPA filtration, designed for the collection of combustible dusts. The VHS110 offers great performance and safety for long product life and flexible, easy use—from overhead cleaning to confined areas around equipment.

Nilfisk’s exclusive EXA inlet allows users ease of mind when selecting accessories in combustible environments. In addition, the VHS110 EXP is available with integrated immersion separator to meet requirements for compliance with NFPA 484 for the safe collection of combustible metal dusts.

Features and Benefits

- CSA-certified for Class I, Group D and Class II, Groups E, F & G environments
- Full bonded and grounded construction, including locking antistatic casters
- Multi-stage filtration
- Standard downstream HEPA and available upstream HEPA filter to capture hazardous dusts
- PullClean filter cleaning for long run times and to extend motor life
- Group E motor with 1,000 hour service life
- Complete line of EXA accessories for wall, floor and production line cleaning
- Industry standard performance & rugged design for long product life and flexible, easy use



Technical Specifications

Description	Unit	VHS110 EXP	VHS110 EXPW
Collection Type	-	Dry	Wet
Type of Power	-	1-Phase	1-Phase
Voltage @ 60 Hz	V	120	120
Power @ 60 Hz	HP (W)	1.61 (1200)	1.61 (1200)
Waterlift, max.	in. (mm) H ₂ O	65 (1654)	65 (1654)
Airflow, max.	CFM (L/min)	106 (3681)	106 (3681)
Current, max.	amps	10	10
Container Capacity	gal. (L)	9.8 (37)	9.8 (37)
Separator Capacity (fluid)	gal. (L)	4 (15)	-
Separator Capacity (dust)	gal. (L)	1 (4)	-
Main Filter Area	ft ² (m ²)	10.8 (1)	10.8 (1)
HEPA Filter Area, downstream	ft ² (m ²)	3.55 (0.33)	3.55 (0.33)
ULPA Filter Area, downstream	ft ² (m ²)	4.95 (0.46)	4.95 (0.46)
HEPA Filter Area, upstream	ft ² (m ²)	11.84 (1.1)	11.84 (1.1)
Machine Inlet Diameter	mm	50	50
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	22 x 30 x 50 (599 x 762 x 1270)	22 x 30 x 50 (559 x 762 x 1270)
Weight	lbs. (kg)	110 (50)	115 (52)
Cord Length	ft. (m)	30 (9)	30 (9)
Sound Pressure Level @ 3'3" (ISO 3744)	dB(A)	76	76

Specifications and details are subject to change without prior notice.



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