

Integrated Immersion Separator

Certified Group E Integrated Immersion Separator

- compliant with NFPA 484 for the safe collection of combustible metal dusts

Nilfisk's integrated immersion separator safely collects and renders inert Group E metal dusts, such as aluminum, magnesium and other commercial alloys, in a water or oil bath.

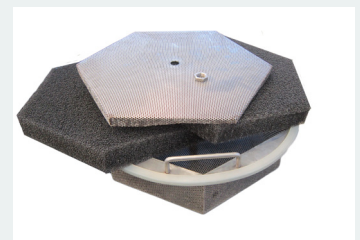
As part of Nilfisk's NRTL-certified Class II, Group E industrial vacuums or combustible dust safe pneumatic vacuums, the all-in-one design is easy to use and saves space in your work area.

Features and Benefits

- CSA-certified for Class I, Group D and Class II, Groups E, F and G as part of Nilfisk VHT437EXP and VHT456EXP vacuums
- Complies with NFPA 484 for safe collection of metal dusts
- Dust capacity of approximately 8 liters to keep weight manageable and optimize operator safety
- Low-sparking AISI 304 stainless construction
- Large handle and 4 casters for ease of mobility during clean out
- Replaces the standard 100 liter collection container for optimal mobility
- Can be replaced by a standard 100 liter container without modification if repurposed to a non-Group E application

Sold with or available as retrofit to Nilfisk models:

- **VHT437EXP or VHT456EXP** (Electric-powered, CSA-certified for use in Group E environments)
- **VHC200EXP** (pneumatic-powered, suitable for use in Group E environments)



Multiple layers of internal baffling and coalescent filters reduce foaming and limit mist from reaching main antistatic filter



Drain valve located at lowest point for maximum drainage & external min/max level indicator



Removable chip collection basket

Specifications and designs are subject to change without prior notice.

Corresponding Nilfisk Vacuums

- for use with integrated immersion separator



Description	Unit	VHT437EXP
Collection Type	-	Dry (Wet Option)
Type of Power	-	3-phase
Voltage @ 60 Hz	V	220 / 460 / 575
Power @ 60 Hz	HP (W)	5 (3700)
Waterlift, controlled	in. (mm) H ₂ O	85 (2159)
Airflow, blower max.	CFM (L/min)	218 (6167)
Current, max.	amps	11.2 / 5.6 / 4.5
Container Capacity	gallons (L)	26 (100)
Dimensions (L x W x H)	in. (mm)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)
Sound Pressure Level	dB(A)	72

*Specifications based on standard machine model, not including integrated immersion separator. Specifications subject to change.



Description	Unit	VHT456EXP
Collection Type	-	Dry (Wet Option)
Type of Power	-	3-phase
Voltage @ 60 Hz	V	460 / 575
Power @ 60 Hz	HP (W)	7.5 (5600)
Waterlift, controlled	in. (mm) H ₂ O	72 (1820)
Airflow, blower max.	CFM (L/min)	367 (10384)
Current, max.	amps	9.5 / 7.6
Container Capacity	gallons (L)	26 (100)
Dimensions (L x W x H)	in. (mm)	50.8 x 23.6 x 60.6 (1290 x 600 x 1540)
Sound Pressure Level	dB(A)	77

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Description	Unit	VHC200 EXP
Collection Type	-	Dry (Wet Option)
Air Consumption @ 90 psi	CFM (L/min)	94 (1982)
Waterlift, max.	in. (mm) H ₂ O	153 (3875)
Airflow, max.	CFM (L/min)	184 (5200)
Air Line Diameter	in. (mm)	0.75 (19)
Recommended Air Pressure	psi (bar)	90 (6)
Container Capacity	gal. (L)	26 (100)
Dimensions (L x W x H)	in. x in. x in. (mm x mm x mm)	31.5 x 23.6 x 62.6 (800 x 600 x 1590)
Sound Pressure Level	dB(A)	70

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