# Nilfisk’s first battery-powered industrial vacuum

Lose the cord, enhance the benefits!
Our first battery-powered industrial vacuum, the VHB436 maintains the top-tier performance and filtration capabilities of our industrial portfolio, and couples it with high runtime enabled by the Nilfisk Lithium-ion Battery.
It’s ideal for use in high-traffic environments where efficiency matters as much as safety, and uncompromising results are key to business success.
Many versions available upon request: stainless steel, different disposal systems (Bagging system, Plastic bag system...), 100 L container etc.

- Fast-charging, modular Nilfisk Lithium-ion Battery allows operators to clean throughout the day without interfering in daily operations
- Cordless design minimizes risk of slips or falls in crowded areas
- Optional HEPA filtration (up to H14) enables safe retention of the finest particles
- Optional Longopac® system allows for zero-contact disposal of collected waste – wet or dry
- Battery-powered operation allows for cleaning in areas where electricity is unavailable or cables pose obstruction risks
- Dedicated accessory range, with accessory holder, hose and cable holder as standard and optional lifting bracket for floor-to-ceiling management of dust and debris



Picture shown may not represent model quoted

● Standard equipment

● Standard equipment

| Model | VHB436 | VHB436 3B | VHB436N |
|---|---|---|---|
| Ref. no. | 4022500000 | 4022500001 | 4022500002 |
| PRODUCT FEATURES | | | |
| Manual filter shaker | ● | ● | ● |
| Battery level indicator | ● | ● | ● |
| Uk model | | | |
| Onboard charger | ● | ● | ● |
| Vacuum meter | ● | ● | ● |
| M class filter | ● | ● | ● |
| Lithium ion battery | ● | ● | ● |
| US model | | | ● |

| Model | VHB436 UKP | VHB436 3B UKP |
|---|---|---|
| Ref. no. | 4022500003 | 4022500004 |
| PRODUCT FEATURES | | |
| Manual filter shaker | ● | ● |
| Battery level indicator | ● | ● |
| Uk model | ● | ● |
| Onboard charger | ● | ● |

All information provided in this document is subject to change without prior notice

# Nilfisk’s first battery-powered industrial vacuum

| Model | VHB436 UKP | VHB436 3B UKP |
|---|---|---|
| Ref. no. | 4022500003 | 4022500004 |
| PRODUCT FEATURES | | |
| Vacuum meter | • | • |
| M class filter | • | • |
| Lithium ion battery | • | • |
| US model | | |

| Technical specifications | VHB436 | VHB436 3B | VHB436N |
|---|---|---|---|
| Output Battery Voltage (V) | 33 | 33 | 33 |
| Rated Power (HP) | 3.2 | 3.2 | 3.2 |
| Airflow with 3 meter hose (m³/h – L/min) | 6333 - 380 | 6333 - 380 | 6333 - 380 |
| Airflow with hose D70 - 3 m (CFM) | 223 | 223 | 223 |
| Vacuum Max (in.H2O) | 52 | 52 | 52 |
| Container capacity (gal.) | 13.2 / 50L | 13.2 / 50L | 13.2 / 50L |
| HEPA H14 Filter Area (optional) (cm²) | 24000 | 24000 | 24000 |
| Charger Cable Length (m) | 3 | 3 | |
| Charger Cable Length (in.) | 118 | 118 | 118 |
| Battery quantity | 2 | 3 | 2 |
| Battery voltage (V) | 36 | 36 | 36 |
| Voltage (V) | (Charge Mode) 110 - 240 | (Charge Mode) 110 - 240 | (Charge Mode) 110 - 240 |
| Frequency (Hz) | (Charge Mode) 50/60 | (Charge Mode) 50/60 | (Charge Mode) 50/60 |
| Battery charge time (min.) | 100% charge: 200 min \| 90% charge: 120 min | 100% charge: 270 min \| 90% charge: 180 min | 100% charge: 200 min \| 90% charge: 120 min |
| Battery run time (min.) | 93 | 147 | 93 |
| Insulation class | III | III | III |
| Rated power (kW) | 2.4 | 2.4 | 2.4 |
| Battery type | Nilfisk Lithium-Ion | Nilfisk Lithium-Ion | Nilfisk Lithium-Ion |
| Max. vacuum (kPa - mbar) | 13 - 130 | 13 - 130 | 13 - 130 |
| Sound pressure level (dB(A)) | 71 | 71 | 71 |
| Container capacity (l) | 50 | 50 | 50 |
| Filter area, optional HEPA (ft²) | 25.8 | 25.8 | 25.8 |
| Main filter area (cm²) | 19500 | 19500 | 19500 / 21 ft2 |
| Inlet (mm) | 70 | 70 | 70 |
| Machine Inlet (Inches) | 2.75 | 2.75 | 2.75 |
| Dimensions, L x W x H (Inches) | 41.3x23.6x49.2 | 41.3x23.6x49.2 | 41.3x23.6x49.2 |
| Length x width x height (cm) | 105x60x125 | 105x60x125 | |



All information provided in this document is subject to change without prior notice

## Nilfisk’s first battery-powered industrial vacuum

| Technical specifications | VHB436 | VHB436 3B | VHB436N |
|---|---|---|---|
| Weight (kg) | 125 | 135 | |
| Weight (lbs) | 275.6 | 275.6 | 275.6 |

| Technical specifications | VHB436 UKP | VHB436 3B UKP |
|---|---|---|
| Output Battery Voltage (V) | 33 | 33 |
| Rated Power (HP) | 3.2 | 3.2 |
| Airflow with 3 meter hose (m³/h – L/min) | 6333 - 380 | 6333 - 380 |
| Airflow with hose D70 - 3 m (CFM) | 223 | 223 |
| Vacuum Max (in.H2O) | 52 | 52 |
| Container capacity (gal.) | 13.2 / 50L | 13.2 / 50L |
| HEPA H14 Filter Area (optional) (cm²) | 24000 | 24000 |
| Charger Cable Length (m) | 3 | 3 |
| Charger Cable Length (in.) | 118 | 118 |
| Battery quantity | 2 | 3 |
| Battery voltage (V) | 36 | 36 |
| Voltage (V) | (Charge Mode) 110 - 240 | (Charge Mode) 110 - 240 |
| Frequency (Hz) | (Charge Mode) 50/60 | (Charge Mode) 50/60 |
| Battery charge time (min.) | 100% charge: 200 min \| 90% charge: 120 min | 100% charge: 270 min \| 90% charge: 180 min |
| Battery run time (min.) | 93 | 147 |
| Insulation class | III | III |
| Rated power (kW) | 2.4 | 2.4 |
| Battery type | Nilfisk Lithium-Ion | Nilfisk Lithium-Ion |
| Max. vacuum (kPa - mbar) | 13 - 130 | 13 - 130 |
| Sound pressure level (dB(A)) | 71 | 71 |
| Container capacity (l) | 50 | 50 |
| Filter area, optional HEPA (ft²) | 25.8 | 25.8 |
| Main filter area (cm²) | 19500 | 19500 |
| Inlet (mm) | 70 | 70 |
| Machine Inlet (Inches) | 2.75 | 2.75 |
| Dimensions, L x W x H (Inches) | 41.3x23.6x49.2 | 41.3x23.6x49.2 |
| Length x width x height (cm) | 105x60x125 | 105x60x125 |
| Weight (kg) | 125 | 135 |
| Weight (lbs) | 275.6 | 275.6 |



All information provided in this document is subject to change without prior notice

# Nilfisk’s first battery-powered industrial vacuum

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

| | Accessories | Ref. no. | Min. required | VHB436 | VHB436 3B | VHB436N |
|---|---|---|---|---|---|---|
| **Accessory Kit** | | | | | | |
|  | ANTI-SHOCK ACCESSORIES KIT D50 | 4072200652 | 0 | ○ | ○ | ○ |
|  | KIT AC.D50 INDUSTRIAL CLEANING | Z7 24151 | 0 | ○ | ○ | ○ |
|  | KIT ACC.D.50 GENERAL CLEANING | Z7 24146 | 0 | ○ | ○ | ○ |
|  | KIT PLASTIC BAG D460 L50 MODELLI CTS-CTT | 4056000417 | 0 | □ | □ | □ |
|  | MOBILE NOZZLE D40 MM400 COMP. +SIL.LIPS | 4072200651 | 0 | ○ | ○ | ○ |
| **Vacuum Hose and Connection** | | | | | | |
|  | REDUCER D70/40 FE | Z7 22002 | 0 | ○ | ○ | ○ |
| **Hose Vacuum Cleaner** | | | | | | |
|  | FLEX CONDUCTIVE HOSE D50 MT5+ SLEEVES | Z7 22377 | 0 | ○ | ○ | ○ |
| **Filter** | | | | | | |
|  | KIT AU FILTER D460 | 4056000478 | 0 | □ | □ | □ |
| **Option** | | | | | | |
| | ACCESSORY BASKET KIT MOD.CTS | 4056000950 | 0 | □ | □ | □ |
|  | BRACKET FOR CONTAINER LIFT CTS/VHB | 4056000394 | 0 | □ | □ | □ |
|  | REMOVABLE CYCLONE D460 FE COMPLETE | Z5 60109 | 0 | □ | □ | □ |



All information provided in this document is subject to change without prior notice

## Nilfisk’s first battery-powered industrial vacuum

| | Accessories | Ref. no. | Min. required | VHB436 | VHB436 3B | VHB436N |
|---|---|---|---|---|---|---|
| **Battery** | | | | | | |
| | ADDITIONAL THIRD BATTERY KIT VHB436 | 4089101086 | 0 | □ | □ | □ |
| **Other** | | | | | | |
| | 5 BLADES KIT FOR SCRAP. NOZZLE D40 FOR V | 4072200817 | 0 | ○ | ○ | ○ |
|  | ACCESSORIES HOLDER KIT COMPLETE VHB436 | 4056001025 | 0 | ○ | ○ | ○ |
| | ACCESSORY BASKET KIT MOD.CTS L100 | 4056000962 | 0 | □ | □ | □ |
| | BAG HOLDER KIT FOR RUBBERMAID FOR VHB436 | 4056001028 | 0 | ○ | ○ | ○ |
|  | BOX F CHARGER CABLE SIP | 9100000807 | 0 | ○ | ○ | ○ |
|  | CARBON FIBER KIT D40 TELESCOPIC-7M | 4072400765 | 0 | ○ | ○ | ○ |
|  | FLOOR CLEANING KIT COMPL FOR VHB436 D40 | 4072200820 | 0 | ○ | ○ | ○ |
|  | HOSE HOLDER KIT COMPLETE VHB 436 | 4056001026 | 0 | ○ | ○ | ○ |
|  | SCRAP. NOZZLE KIT COMPL D40+5 BLADES VHB | 4072200816 | 0 | ○ | ○ | ○ |
| **Nozzle - Vacuum** | | | | | | |
|  | FIXED NOZZLE KIT 600MM MOD.VHB | 4056000964 | 0 | ○ | ○ | □ |
| **Guard Option** | | | | | | |
|  | OVERHEAD 4POLES SUPPORT KIT D40 COMPLETE | 4056001027 | 0 | ○ | ○ | ○ |



All information provided in this document is subject to change without prior notice

# Nilfisk’s first battery-powered industrial vacuum

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

| | Accessories | Ref. no. | Min. required | VHB436 UKP | VHB436 3B UKP |
|---|---|---|---|---|---|
| **Accessory Kit** | | | | | |
|  | ANTI-SHOCK ACCESSORIES KIT D50 | 4072200652 | 0 | ○ | ○ |
|  | KIT AC.D50 INDUSTRIAL CLEANING | Z7 24151 | 0 | ○ | ○ |
|  | KIT ACC.D.50 GENERAL CLEANING | Z7 24146 | 0 | ○ | ○ |
|  | KIT PLASTIC BAG D460 L50 MODELLI CTS-CTT | 4056000417 | 0 | □ | □ |
|  | MOBILE NOZZLE D40 MM400 COMP. +SIL.LIPS | 4072200651 | 0 | ○ | ○ |
| **Vacuum Hose and Connection** | | | | | |
|  | REDUCER D70/40 FE | Z7 22002 | 0 | ○ | ○ |
| **Hose Vacuum Cleaner** | | | | | |
|  | FLEX CONDUCTIVE HOSE D50 MT5+ SLEEVES | Z7 22377 | 0 | ○ | ○ |
| **Filter** | | | | | |
|  | KIT AU FILTER D460 | 4056000478 | 0 | □ | □ |
| **Option** | | | | | |
| | ACCESSORY BASKET KIT MOD.CTS | 4056000950 | 0 | □ | □ |
|  | BRACKET FOR CONTAINER LIFT CTS/VHB | 4056000394 | 0 | □ | □ |
|  | REMOVABLE CYCLONE D460 FE COMPLETE | Z5 60109 | 0 | □ | □ |



All information provided in this document is subject to change without prior notice

## Nilfisk's first battery-powered industrial vacuum

| | Accessories | Ref. no. | Min. required | VHB436 UKP | VHB436 3B UKP |
|---|---|---|---|---|---|
| **Battery** | | | | | |
| | ADDITIONAL THIRD BATTERY KIT VHB436 | 4089101086 | 0 | □ | □ |
| **Other** | | | | | |
| | 5 BLADES KIT FOR SCRAP. NOZZLE D40 FOR V | 4072200817 | 0 | ○ | ○ |
|  | ACCESSORIES HOLDER KIT COMPLETE VHB436 | 4056001025 | 0 | ○ | ○ |
| | ACCESSORY BASKET KIT MOD.CTS L100 | 4056000962 | 0 | □ | □ |
| | BAG HOLDER KIT FOR RUBBERMAID FOR VHB436 | 4056001028 | 0 | ○ | ○ |
|  | BOX F CHARGER CABLE SIP | 9100000807 | 0 | ○ | ○ |
|  | CARBON FIBER KIT D40 TELESCOPIC-7M | 4072400765 | 0 | ○ | ○ |
|  | FLOOR CLEANING KIT COMPL FOR VHB436 D40 | 4072200820 | 0 | ○ | ○ |
|  | HOSE HOLDER KIT COMPLETE VHB 436 | 4056001026 | 0 | ○ | ○ |
|  | SCRAP. NOZZLE KIT COMPL D40+5 BLADES VHB | 4072200816 | 0 | ○ | ○ |
| **Nozzle - Vacuum** | | | | | |
|  | FIXED NOZZLE KIT 600MM MOD.VHB | 4056000964 | 0 | ○ | ○ |
| **Guard Option** | | | | | |
|  | OVERHEAD 4POLES SUPPORT KIT D40 COMPLETE | 4056001027 | 0 | ○ | ○ |

All information provided in this document is subject to change without prior notice