Product leaflet

# VAC 20

Low operating costs, efficient and reliable.

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# VAC 20

- Reliable
- Easy to install
- Low noise level
- Low operating cost

A VAC unit is the right choice for high vacuum extraction of welding fumes, dust from sanding and grinding operations and general clean up applications. VAC systems, a cost effective solution for better working environment, is based on a powerful vacuum unit, a modular design dust collector and a modern control unit/starter. A VAC unit is the perfect extraction source when a large number of working stations require dust extraction and when you need a flexible solution matching an expanding production. VAC units are available in several sizes. many extraction points can be in operation at the same time, served by one single unit. If you need more extraction points, any capacity can be achieved by parallel connection of two or more units. VAC units are protected from overload by a flow restrictor. VAC units are designed for use in modern systems with automatic vacuum valves. This means that the air flow can vary rapidly from max flow to zero. The power consumption adapts to the present need. The VAC unit comes to a complete stop when not used, thanks to the automatic start/stop function (option).

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# VAC 20

| | |
|---|---|
| Certifications | CE |
| Standard | Designed for ISO 21904 compliance |
| Installation | Outdoor, Indoor |
| Application | Dust, Granulate, Grit, Fumes, Swarf |
| Capacity (max airflow m3/h) | VAC 20-1500, 1500 at 20 kPa VAC 20-2500, 2500 at 20 kPa VAC 20-3000, 3000 at 19 kPa VAC 20-4000, 4000 at 16,5 kPa |
| No of phases | 3 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Models

| | Item no | Power voltage (V) | Frequency (Hz) | Noise level (dB(A)) | Max vacuum (kPa) | Weight (kg) | Power (kW) |
|---|---|---|---|---|---|---|---|
| | 40103102[1] | 220 | 60 | 71 | 20,1 | 505 | 22 |
| | 40103122[1] | 380 | 60 | | 20,1 | 505 | 22 |
| | 40103132[2] | 400 | 50 | | 20,1 | 505 | 22 |
| | 40103142 | 440 | 60 | 71 | 20,1 | 505 | 22 |
| | 40103152[3] | 230 | 60 | 75,4 | 13,3 | | 22 |
| | 40103162 | 460 | 60 | 71 | 20,1 | 546 | 22 |
| | 40103172 | 575 | 60 | 71 | 20,1 | 546 | 22 |
| | 40103232[1] | 380 | 60 | 74,5 | 21,5 | 602 | 30 |
| | 40103252[2] | 400 | 50 | 74,5 | 21,5 | 616 | 30 |
| | 40103272[3] | 230 | 60 | 74,5 | 21,5 | 614 | 30 |
| | 40103292[3] | 575 | 60 | | 21,5 | | 30 |
| | 40103352[1] | 220 | 60 | 74,5 | 21,5 | 628 | 37 |
| | 40103372[2] | 400 | 50 | 74,5 | 21,5 | | 37 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Models

| | Item no | Power voltage (V) | Frequency (Hz) | Noise level (dB(A)) | Max vacuum (kPa) | Weight (kg) | Power (kW) |
|---|---|---|---|---|---|---|---|
| | 40103382[1] | 440 | 60 | 74,5 | 21,5 | 628 | 37 |
| | 40103392[3] | 230 | 60 | | 21,5 | 635 | 37 |
| | 40103402 | 460 | 60 | 74,5 | 21,5 | 635 | 37 |
| | 40103412[3] | 575 | 60 | 74,5 | 21,5 | 635 | 37 |
| | 40103462[1] | 220 | 60 | | 22 | 663 | 45 |
| | 40103482 | 380 | 60 | 74,5 | 22 | | 45 |
| | 40103492[4] | 400 | 50 | 74,5 | 22 | 698 | 45 |
| | 40103502 | 440 | 60 | 74,5 | 22 | 663 | 45 |
| | 40103512 | 230 | 60 | 74,5 | 22 | 786 | 45 |
| | 40103522[3] | 460 | 60 | | 22 | | 45 |
| | 40103532[3] | 575 | 60 | 74,5 | 22 | 786 | 45 |

[1] Motor type - INMETRO
[2] Motor type - IE3
[3] Motor type - Premium
[4] Motor type - IE1/EFF2

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

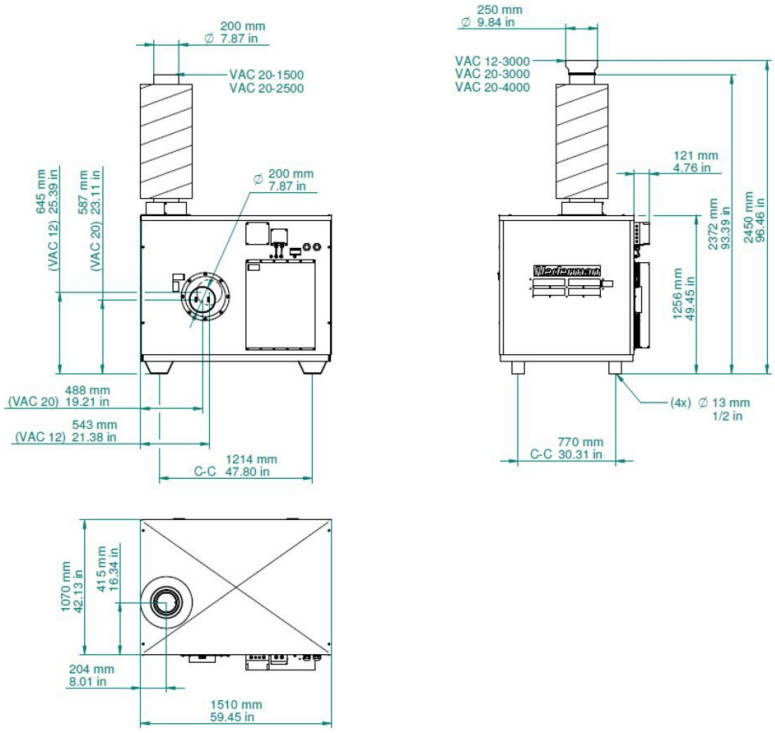
| | Accessory | Item no |
|---|---|---|
| | Silencer HT inlet D=200 | 40097080 |
| | Silencer LT200 | 40139100 |
| | Bend spiro BU 200mm 90dgr | 40132540 |
| | Jetcap D=200 | 40097090 |
| | Jetcap D=250 | 40098000 |
| | Model LT100 100mm (3.94in) discharge silencer for reducing exhaust noise while maintaining efficient airflow. | 40139081 |
| | Silencer LT160 | 40139090 |
| | Standard HVCP control panel 37kW - Y/D, ELC-HVCP-SY100-370-IoT | 73009402 |
| | Standard HVCP control panel 45kW - Y/D, ELC-HVCP-SY100-450-IoT | 73009404 |
| | Standard HVCP control panel 37kW - Y/D, ELC-HVCP-SY100-370 | 73009401 |
| | Standard HVCP control panel 45kW - Y/D, ELC-HVCP-SY100-450 | 73009403 |
| | Premium HVCP control panel 45kW - Y/D, ELC-HVCP-EY100-450-IoT | 73008347 |
| | Premium HVCP control panel 37kW - Y/D, ELC-HVCP-EY100-370 | 73008344 |

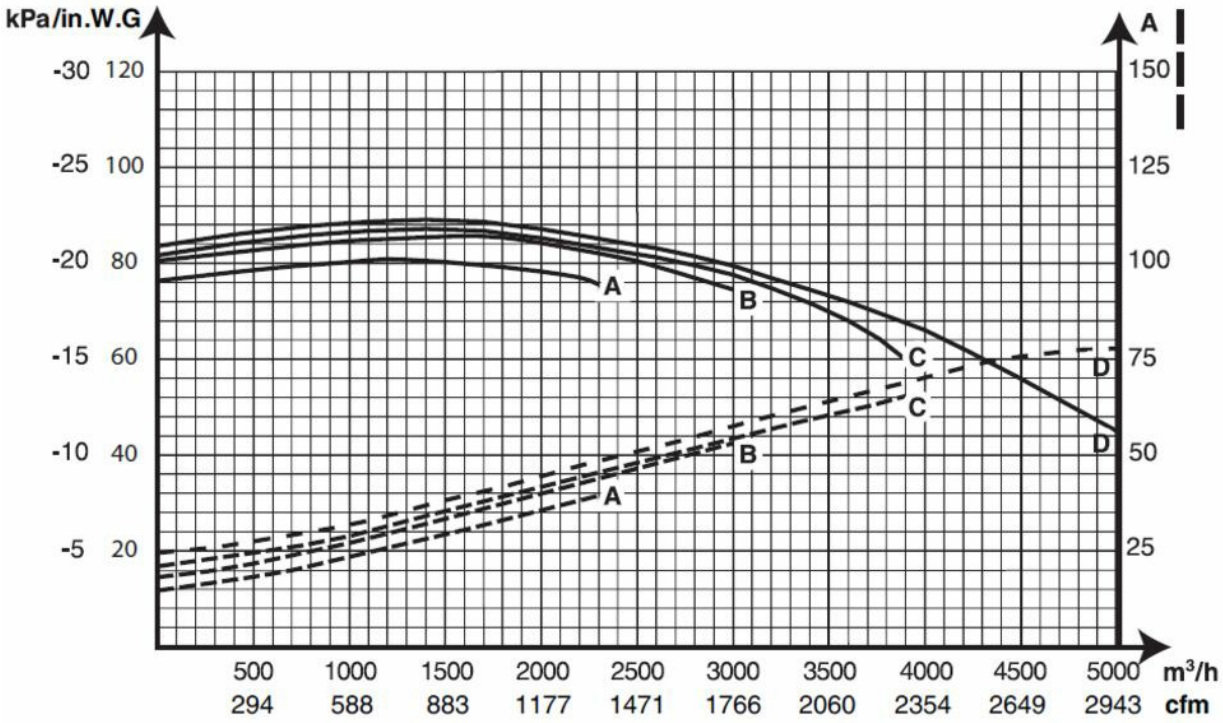
This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB

# Accessories

| | Accessory | Item no |
|---|---|---|
| | Premium HVCP control panel 45kW - Y/D, ELC-HVCP-EY100-450 | 73008346 |
| | Main power disconnection switch. Model MS6-KG64 with a 64-amp capacity, designed to safely cut off power during maintenance operations. | 40122310 |
| | Switch disconnector MS6-KG80 | 40122320 |
| | Switch disconnector MS6-KG100 | 40122330 |

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB




A: VAC20-1500, B: VAC20-2500, C: VAC20-3000, D:VAC20-4000

This content is protected under copyright law, furnished for informational use only, and subject to change without notice. © Nederman Holding AB