

160E

Nederman 160E is a light weight vacuum unit ideal for industrial floor cleaning and on-tool extraction for small grinders and sanders



Nederman 160E

To inhale fresh air and to have a clean workplace, isn't that what we all want? After all, a working environment without dust or other contaminants contributes to wellbeing and better health for the employees and a longer working life for machines. This is a precondition for increased productivity and improved quality.

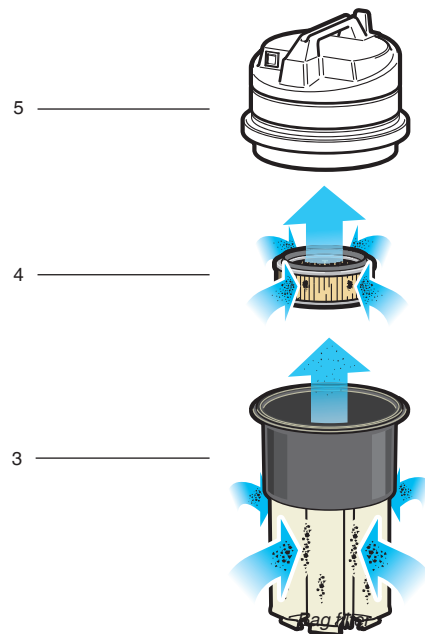
160E makes work easier whether you are cleaning, grinding or welding. Fine dust cannot be eliminated by using brushes or air guns – on the contrary, these redistribute dust around the work area. If the dust is extracted immediately at source, this problem can be eliminated and the environment for both people and machines will be greatly improved.

The Nederman high vacuum dust extraction unit 160E is ideal when you have quality standards for effective cleaning and dust removal. You'll also appreciate its light weight, ease-of-handling and low operating and maintenance costs. The bag filters are easy to clean and have a lifetime of 4000–6000 hours. With a micro filter (option) the unit will filtrate also the finest particles. The auto start/stop for electrical tools is very useful in industrial applications.

- Easy to operate
- Safe to use
- Long filter lifetime
- Low running costs



The filter system



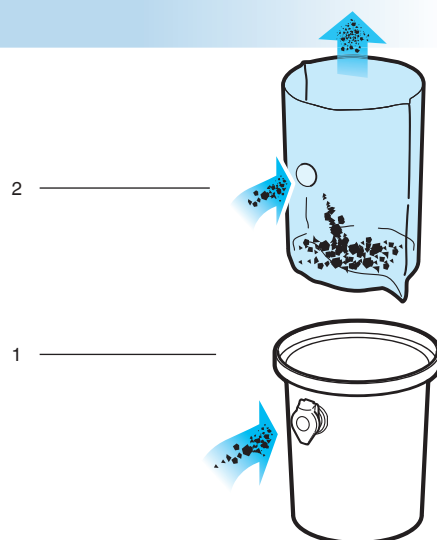
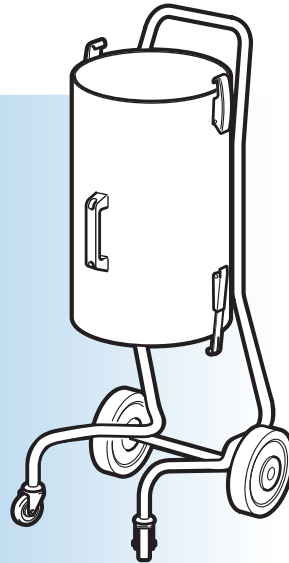
1. Dust particles are vacuumed into the filter system.

2. Heavier particles are separated and fall into the plastic bin liner or the textile filter bag (option). The textile filter bag can also handle wet materials.

3. Fine particles are captured on the outside of the bag filter. The bag filter is cleanable giving a longer lifetime (4000–6000 working hours).

4. A micro filter separates the smallest, finest and most dangerous particles. Filter efficiency 99.97% DOP (0.3 μ).

5. Clean air recirculates.



Technical Data 160E

Model	160E
Voltage	110/230 V
Frequency	50/60 Hz
Motor power	1200 W
Motor protection class	IP24
Maximum flow	160 m ³ /h (94 cfm)
Maximum vacuum	22 kPa / 88 in. W.G.
Maximum power outtake	*)
Noise level (ISO 11201)	75 dB(A)
Dust bin volume	21/14 liter 5.5/3 gallons
Weight	19 kg (42 lbs)
Height/width/depth	1045/400/548 mm 41/16/22 in.
Auto start/stop electrical	Yes
Wheel type	A + B
Filter cleaning	Yes
Casing	Steel
*)	
160E DK/UK/EUR/EUR Wall	1500 W
160E UK 110V	440 W
160E US/CAN	240 W

Filter (part no.)	
Bag filter	Yes
Micro filter (40114100)	Optional
Bag	
Plastic bin liner	Yes
Cleaning equipment	Standard

Wheel type legend



Castor wheel



In rubber with standard threading

Environmental data

- Automatic start/stop saves energy
- Solvent-free lacquering process
- Bromine free plastic parts marked for recycling
- Recyclable 81–85 % (weight)

160E	Part no.
160E DK	40055010
160E UK	40055020
160E UK 110V	40055030
160E US/CAN	40055040
160E EUR	40055000
160E EUR Wall	40055050

High filtration efficiency:

- Standard equipped with bag filter with an optional micro filter

Long filter lifetime:

- Cleanable fine filters
- High filtration efficiency "protects" the micro filter

Low running costs:

- Filter life-time 4–6000 working hours
- Cleanable fine filter
- Automatic start/stop
- High quality frame and body work

Safe to use:

- Very high filtration efficiency
- CE-approved
- All filters before fan

Wide range of applications:

- Suitable for floor cleaning, on-tool extraction from small grinders, sanders, etc. as well as on-torch welding extraction

Easy to operate:

- Automatic start/stop
- Light weight
- Air filled wheels
- Easy to clean filters
- Easy to change filters
- Quick connection hose couplers
- Cleaning set included

Less noise:

- Automatic start/stop

Always optimal suction power:

- Cleanable fine filters

High filtration capacity:

- Bag filters, dust class L (99% filtration)
- Micro filter as option (H12 99.97% DOP (0.3μ))

Extended motor lifetime:

- Automatic start/stop
- Motor separately cooled