

When the going gets tough? Muscle up!

Tough jobs require tough tools. Nilfisk has your needs covered with dust extractors that can take a beating while keeping your work site clean, safe, and free of hazardous dust. And with a global support network, we'll have your back whenever you need a hand.

Our SP103HC single-phase extractor meets any need for renewal and the preparation of floors in medium to large industrial facilities. Connected to shot blasters and then grinders, it leaves the surface immaculate smooth, and the environment free of dust. Furthermore, it prolongs the life of the costly diamond grinding wheel saving you the expense of frequent replacements.



This dust extractor has the highest level of filtration available, is simply designed and built to the highest safety standards during use, and is suitable for recovering and disposing of hazardous dust such as silica. Our line of dust extractors also includes three-phase motor and cordless extractors.



Picture shown may not represent model quoted

- M Class certified primary filter with glued seams for a perfect sealing
- HEPA 14 secondary filter upstream
- System to prevent the reverse flow at the start-up (blowing from the inlet instead of sucking)
- Diffuser to disperse exhausted air and grant air speed < 1m/s at 1 mt distance
- Air velocity inside the suction pipe > 20 m/s to avoid the settling of dust inside the suction hose
- All third-party certified
- Reinforced frame and large wheels for easy transport

• Standard equipment

| Included accessories | | Ref. no. | Min. required | SP103BN1 HC |
|--|--|------------|---------------|-------------|
| Filter | | | | |
| | ABSOLUTE FILTER 415X100 S2S-S3 H14 | 4081700935 | 0 | |
|  | ABSOLUTE FILTER D.350 X 60 H14 | 4081701384 | 0 | |
| | CARTRIDGE D200X400 5.4 MQ | 4083300503 | 0 | |
|  | M-CL. 16-POCK. SEAL. STAR FILT. D400X340 | 4081701393 | 0 | |
| | STAR FILTER D460 CAT.M SEALED | 4081701574 | 0 | |

Model SP103BN1 HC

Ref. no. 4010500147

PRODUCT FEATURES

- H-class hazardous dust approval •
- Uk model •
- Vacuum meter •
- Manual filter shaker •

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Model SP103BN1 HC

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PRODUCT FEATURES

- Hepa upstream filtration •
- Main filter clogged indicator (ELECTRONIC) •
- M-class filter with glued seams •
- Longopac® system •
- US model •




Technical specifications SP103BN1 HC

| | |
|--|--------------|
| Voltage (V) | 120 |
| Frequency (HZ) | 60 |
| Ip protection class | 43 |
| Insulation class | I |
| Dust class | M |
| Rated power (KW) | 3 |
| Max. airflow (m³/h - l/min.) | 460-7666 |
| Airflow with hose d50 - 3 m (L/MIN - M3/H) | 435-7250 |
| Max. vacuum (kPa - mbar) | 18-180 |
| Sound pressure level (dB(A)) | 75 |
| Filter area cm² | 19500 |
| HEPA H14 filter area (cm²) | 35000 |
| Inlet (MM) | 70 |
| Dimensions lxxh (MM) | 665x840x1580 |
| Weight (KG) | 76 |

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

| Accessories | | Ref. no. | Min. required | SP103BN1 HC |
|---|---------------------------------|------------|---------------|-------------|
| Surface Cleaning - Multi Nozzle | | | | |
|  | ALUMINUM WAND D.50 FOR BDC | 4082500102 | 0 | |
|  | PLASTIC FLOOR NOZZLE 450MM D.50 | 4072400664 | 0 | |
| Vacuum Hose and Connection | | | | |

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| Accessories | | Ref. no. | Min. required | SP103BN1 HC |
|---|--|------------|---------------|-------------|
|  | CONNECTION TUBE D50 FE | Z7 21003 | 0 | |
| Option | | | | |
| | MINI PACKAGE 4X20 MT 68 MICRON LONGOPAC | 4084000956 | 0 | |
| Filter | | | | |
| | ABSOLUTE FILTER 415X100 S2S-S3 H14 | 4081700935 | 0 | |
|  | ABSOLUTE FILTER D.350 X 60 H14 | 4081701384 | 0 | |
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