

RONDA 1800H-S complete with carbon filter



Complete set, ready to use. The set consists of the RONDA® 1800H-S Power vacuum cleaner with Longopac and RONDA® carbon filter for PCB.

RONDA® 1800H-S Power is a powerful high-quality class H vacuum cleaner, well suited and also approved for vacuuming large volumes of fine and/or hazardous dust. This variant is equipped with a separate air outlet point so that the exhaust air can be led outside or, as here, through a carbon filter.

RONDA® 1800H-S can be used for general vacuuming as well as for dust extraction from grinding or cutting machines. The vacuum cleaner is equipped with Longopac collection system for quick and easy disposal of the vacuumed material and nearly dust-free emptying.

The built-in beeper alarm sounds when the air velocity in the hose falls below 20 m/s, for example if the hose is blocked or the filter needs cleaning, thereby warning the user of unnecessary dust exposure.

In combination with the RONDA® carbon filter, this setup is a good starting point for processing and sanitizing materials containing PCBs. The carbon filter is mounted on a practical trolley with four swivel castors and two lifting points for easy handling.

The life span of the carbon filter depends on the use and the absorbed concentration, and we recommend to test the filtering ability through regular measurements, or to exchange the filter periodically.

Technical data RONDA® 1800H-S Power

PMax./PNom	1450/1230 W
Voltage.....	230 V
Power outlet, max. *	2000 W
Min. consumption of power outlet / start-stop automatic	>100 W
Data of the installed motor:	
- Vacuum, max. (per motor)	3000 mmWC/29,5 kPa
- Air flow, max. (per motor)	54 l/sec./194 m³/h
- Air flow, measured**	46 l/sec./166 m³/h
Noise level (ISO 11201).....	<70 dB(A)
Pre-filter	1,4 m²
HEPA-filter	1,2 m²
Height	1300 mm
Width	550 mm
Length/Depth	550 mm
Weight without accessories	31 kg
Container coupling.....	Ø 50 mm
Length of supply cable.....	8 m

* CH: 850 W

** Data of the vacuum cleaner with 4 m Ø 38 mm hose

Technical data RONDA® carbon filter for PCB

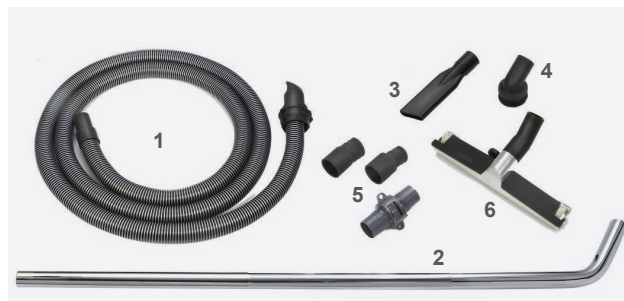
Filter content:	
Active carbon	2,2 kg
Max. air flow (when filtering PCBs).....	160 l/sec.
Length.....	840 mm
Width	340 mm
Height	435 mm
Weight incl. filter	15,5 kg
Weight filter.....	9,5 kg
Intake (RONDA® standard bayonet coupling).....	Ø 38/50 mm
Outlet, standard ventilation hose	Ø 160 mm

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Standard Accessories

40 mm professional's set (antistatic)80.43.4039

- 1. Plastic hose, antistatic, Ø 38 mm, 4 m84.74.3806
- 2. Complete tube with bend.....80.52.2160
- 3. Crevice nozzle80.34.4000
- 4. Round brush80.34.4001
- 5. Tool adapter with air adjustment, Ø 25 and Ø 3283.89.4950
- 6. All-purpose floor nozzle B-370 with brush strips84.38.3620



In addition to the professional's set, this model is supplied with a 6 m hose including couplings for connecting the carbon filter to the vacuum cleaner:

- 7. Plastic hose, antistatic, Ø 50 mm, 6 m
incl. couplings84.54.5020



Standard Filters

- 1. Multi-tube filter 84.67.1110
- 2. HEPA-filter84.67.5036
- 3. Longopac bags, 1 package 4x20 m84.64.2801
- 4. Carbon filter unit84.67.6102

Machine Variants and Optional Extras

Suction hose can be supplied by the meter according to the user's wishes.

- Antistatic hose Ø38 mm, by the meter84.54.3800
- Antistatic hose Ø50 mm, by the meter84.54.5000

The vacuum cleaner can also be supplied with a metal container instead of Longopac; RONDA 1800H-S-C Power (on request).

Kindly note, the carbon filter can also be used together with other RONDA H-S models, for example:

- RONDA 200H-S Power82.06.1133
- RONDA 2800H-S (230V).....82.16.2808
- RONDA 2800H-S (380V).....82.16.2810

Please contact V. Brøndum A/S for further information.