

RONDA® Vacuum Cleaner

Model 1800H Power with Longopac

(230V) 82.06.1801
(110V) 82.06.1805



RONDA® 1800H Power is a powerful H-class vacuum cleaner of high quality, which is suitable for large quantities of very fine and/or health hazardous dust. This machine can be used both for general vacuuming and as dust extractor directly from grinding or cutting machines.

The machine is equipped with Longopac, making it quick and easy to dispose the collected material. At the same time a nearly dust-free emptying is possible.

RONDA® 1800H Power is equipped with the latest motor technology which ensures a high level of suction, even if a longer suction hose is required.

A built-in soft start reduces the power consumption during start-up and consequently protects both the motor and the electrical system.

If the air flow in the hose should fall below 20 m/sec., for instance because of a blocked hose, and overfilled container, a blocked filter etc. at the risk of exposing the user and surroundings to unnecessary dust nuisances, an alarm in the form of a beep signal will be activated.

The large multi-tube filter has a self-cleaning effect, which together with the Teflon-coating makes the filter perfect for large quantities of fine dust, such as cement or gypsum dust. An efficient shock valve makes it possible to clean the multi-tube filter during operation. This is a robust system without many movable parts and with a long life.

RONDA® 1800H Power is delivered in a robust trolley frame that protects the machine and also makes it easy to transport the machine.

TECHNICAL DATA

	230 V	110 V	
	82.06.1801	82.06.1805	
PMax./PNom	1450/1230	1100/1050	W
Voltage	230	110	V
Power outlet, max.*	2000	700	W
Min. consumption of power outlet	>100	>180	W
Data of the installed motor:			
- Vacuum, max. (per motor)	3000	2600	mmWC
	29,5	25,5	kPa
- Air flow, max. (per motor)	54	54	l/sec.
	194	194	m³/h.
- Air flow (measured)**	46	38	l/sec.
	166	136	m³/h.
Noise level (ISO 11201)	<70	<70	dB(A)
Pre-filter	1,4	1,4	m²
HEPA-filter	1,2	1,2	m²
Height	1300	1300	mm
Width	550	550	mm
Length/Depth	550	550	mm
Weight without accessories	31	31	kg
Container coupling	ø 50	ø 50	mm
Length of supply cable	8	8	m

* CH: 850 W

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

- Suitable for extraction from hand tools
- Self-cleaning Teflon-coated multi-tube filter (BIA dust class M)
- Continuous suction power
- Filter cleaning during operation
- IFA classified HEPA filter in dust class H (filters 99.995% at 0,3 µm)
- Power outlet with automatic start-/stop function
- Trolley frame with large wheels
- Emptying from the bottom with collection in Longopack bags
- Low noise level
- Static electricity dissipation
- Beeper alarm in case of too low air flow
- Soft start of motor
- 7 sec. post-suction when using hand tools
- Parking holder for tube and floor nozzle (see photo on the back)
- Available with separate exhaust coupling
- Available with built-in flap valve
- Available with outlet for operation on second fuse group
- Available with remote control and wireless alarm
- Also available as a model with metal collection container

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STANDARD ACCESSORIES:

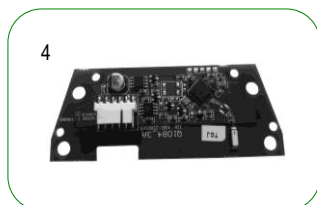
40 mm professional's set (antistatic)	80.43.4039
1 Plastic hose, antistatic, ø 38 mm, 4 m.....	84.74.3806
2 Complete tube with bend.....	80.52.2160
3 Crevice nozzle.....	80.34.4000
4 Round brush.....	80.34.4001
5 Tool adapter w/air adjustment Ø-25 & Ø-32 mm	83.89.4950
6 All-purpose floor nozzle B-370	84.38.3620

STANDARD FILTERS:

1 Multi-tube filter.....	84.67.1110
2 HEPA-filter.....	84.67.5036
3 Longopac Bags 1 Package 4x20 m.....	84.64.2801



Parking holder for tube and floor nozzle



MACHINE VARIANTS AND OPTIONAL EXTRAS:

- RONDA 1800H Power (230V) with container..... 82.06.1804
 - RONDA 1800H-S Power (230V) - complete machine with separate exhaust coupling mounted.¹
With Longopac
 - Separate exhaust coupling for removal of smoke and unpleasant fumes from e.g. cutting and grinding tasks. Unmounted.¹
 - RONDA 1800H Power (230V) with Longopac and built-in flap valve.²
 - RONDA 1800H -WA Power (230V) with Longopac - complete machine with remote control and wireless alarm
- | | |
|--|------------|
| 1. RONDA 1800H Power (230V) with 16A in-/outlet for operation on second fuse group. With Longopac.... | 82.06.1816 |
| 2. Flap valve complete, unmounted. ² | 81.89.0133 |
| 3. RONDA -WA remote control. Standard equipment for 82.06.1823, and applicable on standard RONDA 1800H Power produced after 01/01/2022, upon installation of communication PCB 80.31.0026. ³ | 80.31.0020 |
| 4. Communication PCB for remote control. ³ | 80.31.0026 |

- 1) An outlet hose ø 50 mm is required
- 2) The Longopac dispenser is equipped as standard with a metal grille that prevents the bag from being sucked in. If the vacuum cleaner is used for e.g. shavings or fibers, these can get caught in the grille and cause blocking. In such cases, it is advantageous to install a flap valve instead of the metal grille.
- 3) Installation must be performed by RONDA Enviro-Vac or an approved service technician.

Last edited: 23/08/23