



Dry vacuum cleaner
DRY P12 S

Operating Instructions



Technical specifications

Model	M.U.	DRY P12 S
Voltage	V. Hz	230-240 50-60
Power Nom./Max.	Watt	1200/1400
Air Flow	l/sec m³/min	51 3,06
Water lift	mm/H₂O mBar kPa	2900 290 29
Effective capacity	l	12
Dimensions	cm	38 x 38 x 48
Weight	kg	6,5
Cable length	m	10



Standard accessory set

DRY P12 S



Options



Cartridge filter code: 405436



Washable filter Code: 405433



H.E.P.A. filter Code: 405434



Nylon filter Code: 405432



Description

fig. 1

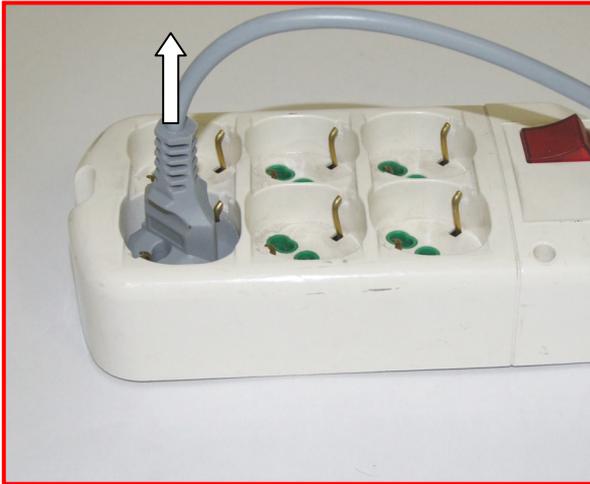


fig. 2



fig. 3



fig. 4



fig. 5



fig. 6

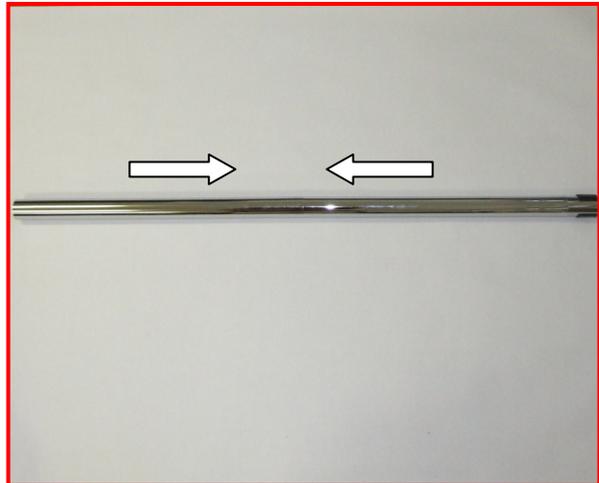


fig. 7

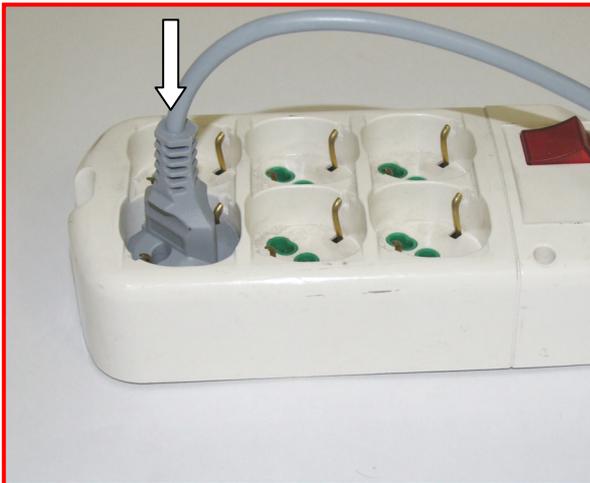


fig. 8





Description

fig. 9

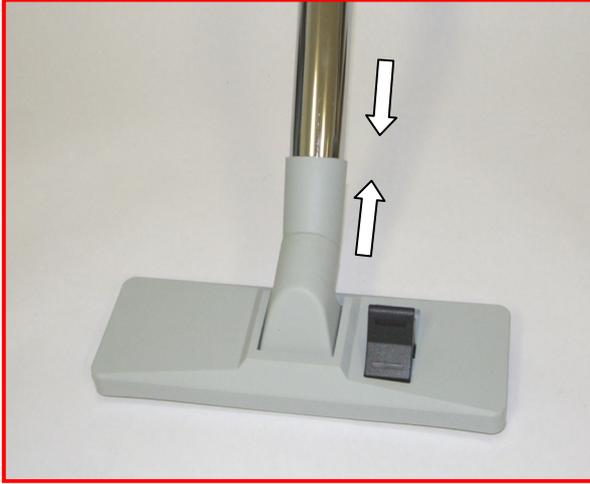


fig. 10

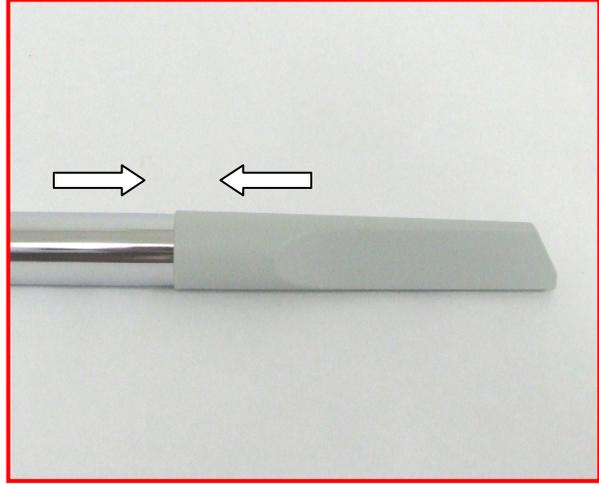


fig. 11



fig. 12



fig. 13



fig. 14



fig. 15

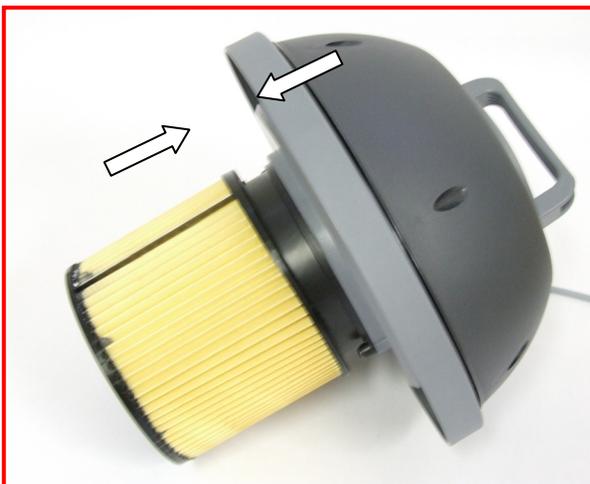


fig. 16





Warnings



ATTENTION

Read carefully the instructions in this booklet and keep it handy for further reference. Failure to observe these warnings can affect the safety of the vacuum. The packaging components (plastic bags, staples, etc.) can be dangerous and must therefore be kept out of the reach of children and handicapped persons, etc. After opening the package, check to make sure that the vacuum is intact and complete. In case of any irregularity or missing pieces, as in the case of all future and eventual repairs, contact an authorized service centre which can guarantee the use of original parts. Before connecting the vacuum to electricity, make sure that the electrical specifications on the technical data label of the unit correspond to those of your electrical outlet. This unit must be used only for the specific purposes for which it has been manufactured, namely: cleaning of inert surfaces, vacuuming of solids which are non-flammable and non-explosive. Any other use must be considered improper and dangerous. Avoid bringing the attachments in close distance of delicate organs such as ears, eyes, mouth, etc. This electrical appliance does not have to be used by persons with reduced psychic, sensory or mental abilities, or by persons without experience and without acquaintance, unless they are controlled or instructed to the use of the appliance by responsible persons of their safety. Children must be supervised in order to make sure that they do not play with the appliance. The vacuum must not remain connected to electricity when not in use. Before carrying out any cleaning or maintenance work on the vacuum, make sure that the vacuum is not connected to electricity. Do not immerse the vacuum in water. Do not use any solvents. The manufacturer cannot be held responsible for any damage to persons, animals or objects, from the improper or unreasonable use of this vacuum, or from failure to observe the warnings in this booklet or from the failure to carry out the instructions therein. Do not use the vacuum with the power cord twisted on the cover head. This equipment can be used in several communities, as an example in lodges, schools, hospitals, factories, stores, offices and in residences.

TO USE THE DRY VACUUM CLEANER (not to vacuum liquids)

Make sure that the plug is disconnected from the source of electricity (figure 1). Unhook the tank latches (figure 2), remove the head and ensure that the cloth filter is properly installed (figure 3). Put the head in its original position again and secure it onto the tank with the latches (figure 4). Insert the flexible hose in the tank entry (figure 5) and assemble the two steel wands onto the flexible hose (figure 6). Connect the plug to the source of electricity (figure 7), push the switch to the ON position (figure 8) and start cleaning. For the cleaning of floors or carpets, insert the special floor brush tool (figure 9). For the cleaning of hard-to-reach areas, such as the inside of cars, etc., you must use the crevice tool, assembled as in (figure 10). The special dust brush for cleaning furniture, and carpets and upholstery inside cars, and useful for the cleaning of small surfaces and angles is also included and must be assembled as in (figure 11). At the end of the work turn off the machine by pushing the switch to the OFF position (figure 12), disconnect the plug from the source of electricity and clean the tank following the instructions in this booklet.



Warnings

GB

CLEANING AND MAINTENANCE OF THE VACUUM CLEANER

Disconnect the plug from the source of electricity, unhook the tank latches and remove the head and the dust filter from the tank (figure 13). Remove the full paper bag (figure 14) and replace it with a new one. Then put the tank back into its original position, insert the dust filter, place the head in its correct position and secure it onto the tank with the latches and start cleaning again.

ATTENTION! Before performing any cleaning and maintenance on the vacuum cleaner, always disconnect the plug from the source of electricity. Make sure that the cable is not cut or damaged (if it is, apply to the nearest authorized service centre for replacement). You'll get the best performances following if you:

- a) Clean the tank, do not let it stand for a long time with dust.
- b) Clean the cloth filter frequently.
- c) Always use only original replacement parts and attachments.

OPTIONS

Cartridge filters can be used in alternative or in connection with dust filter. With the filters chain (paper bag+dust filter+cartridge filter) filtration efficiency is at max level. Figure 15 shows how to install the cartridge filter.

Nylon filter is an additional filter that avoids the particles to glue onto the dust filter; it's used in connection with dust filter. Figure 16 shows how to use the nylon filter.

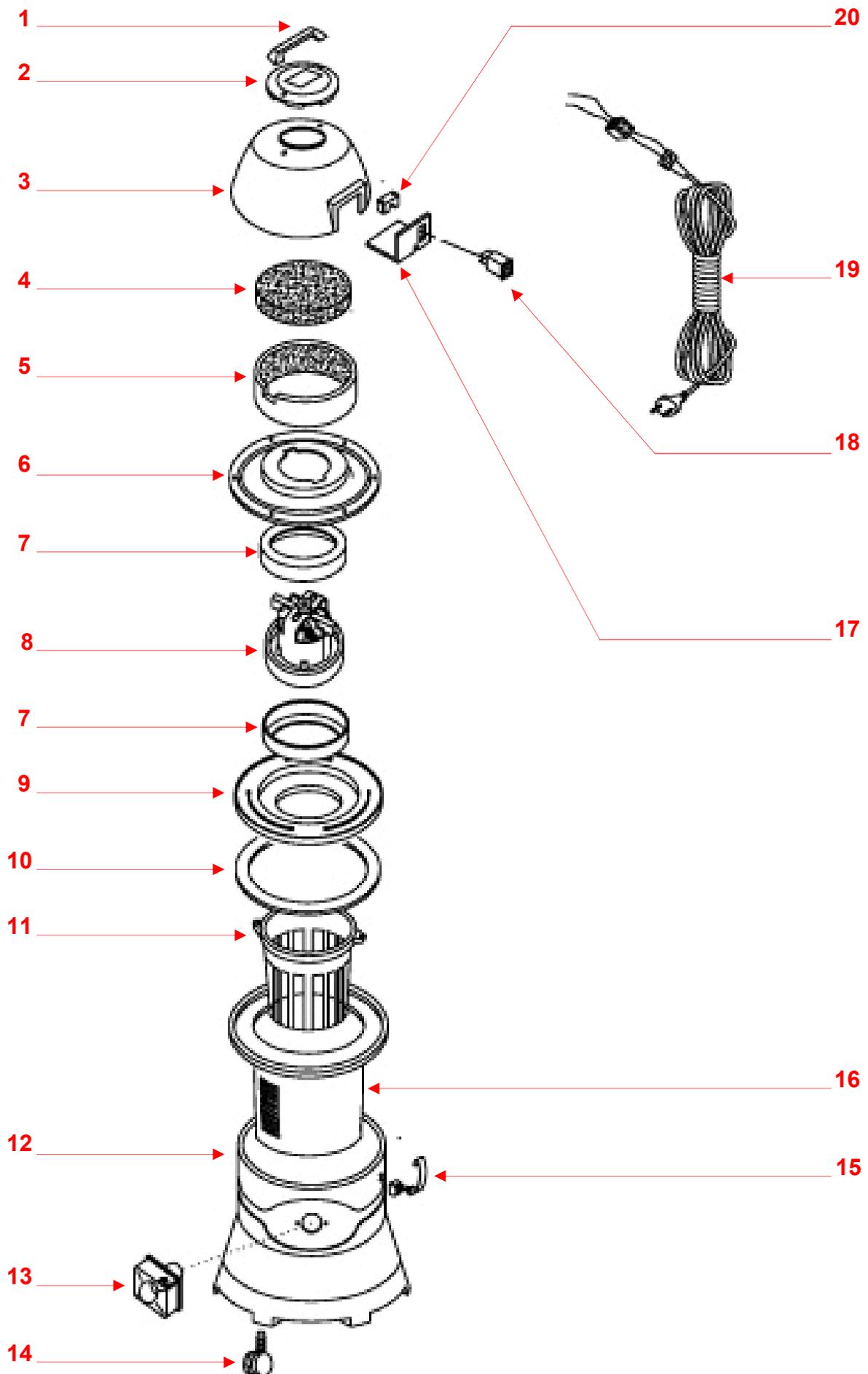
TROUBLE-SHOOTING

The motor is built for maintenance free operation and does not need any particular service. The carbon brushes may need to be replaced due to normal wear and tear caused by using the vacuum cleaner over time, and they can be replaced only by our authorized service centers.

- 1) **PROBLEM:** The machine does not work. CHECK the following points:
 - a) Check if the plug is connected to the source of electricity.
 - b) Check if the switch is in the ON position.
- 2) **PROBLEM:** The machine does not have enough suction. CHECK the following points:
 - a) The filters may be dirty. If they are, clean or replace them.
 - b) The suction hose may be obstructed. If it is, turn off the vacuum cleaner, and then remove the cause of obstruction.
 - c) The tank entry may be obstructed. If it is, turn off the vacuum cleaner, and then remove the cause of obstruction.

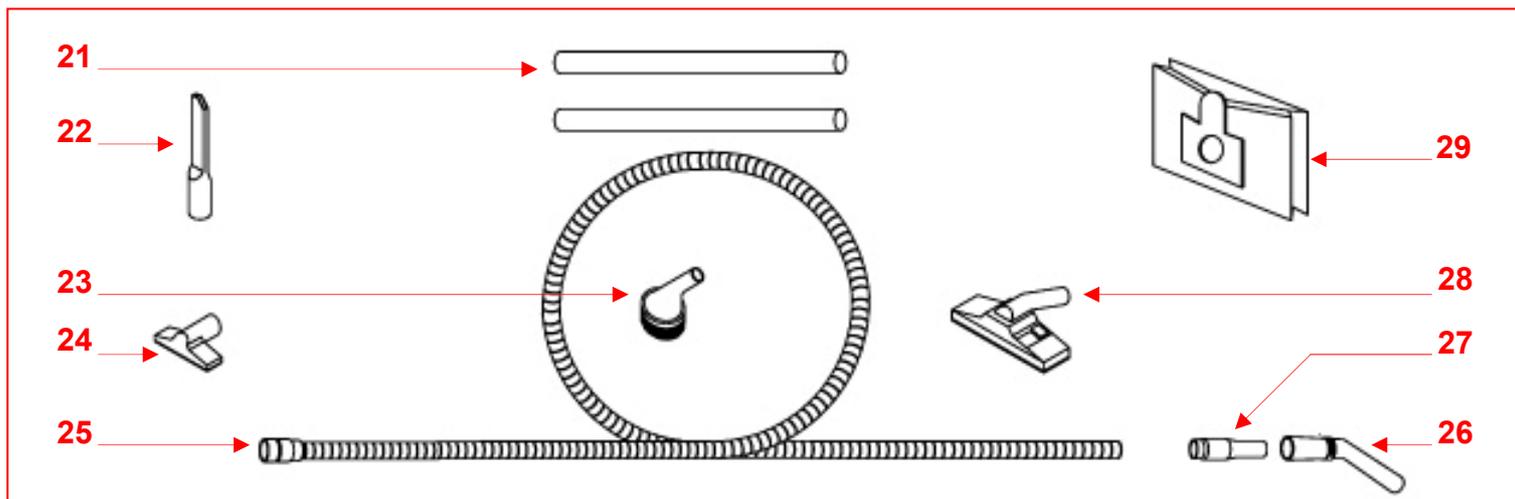


Spare parts list





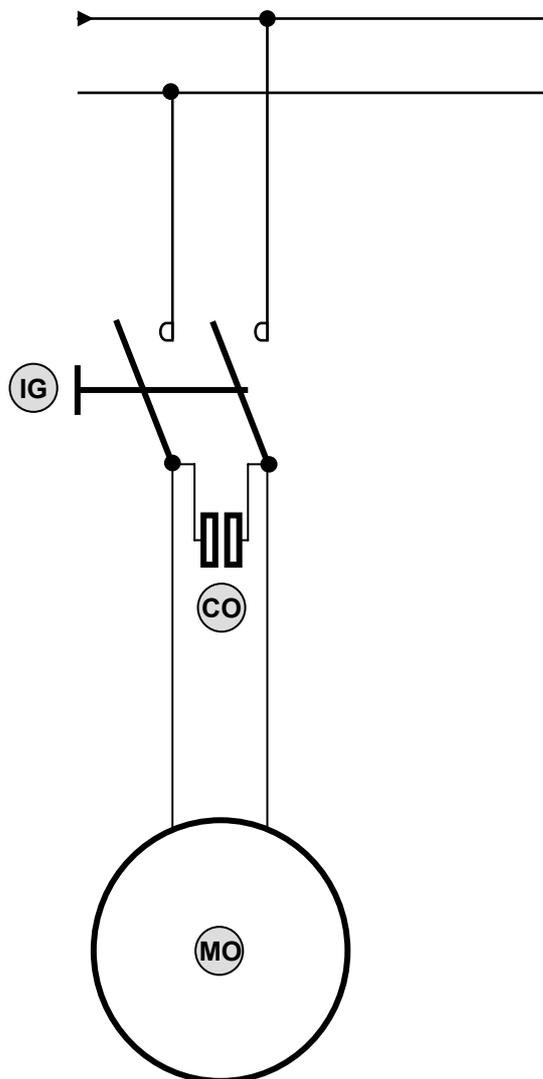
Spare parts list



POS.	PART NR	DESCRIPTION
1	417747	HANDLE
2	417164	COVER
3	417005	MOTOR HOUSE
4	417458	SOUNDPROOFING SPONGE
5	417459	SOUNDPROOFING SPONGE
6	416890	INTERMEDIATE RING
7	417560	MOTOR GASKET
8	417796	MOTOR
9	416944	MOTOR PLATE
10	412463	MOTOR BASE GASKET
11	417138	BASKET FOR FILTER
12	417687	TANK
13	416969	SUCTION HOSE INLET
14	418015	PIVOTING WHEEL
15	417504	BLACK STEEL LATCH
16	204652	COTTON FILTER
17	417873	PLATE
18	417622	ON /OFF SWITCH
19	417110	10 M CABLE WITH GB PLUG
20	409765	CLAMP
21	401075	CHROMED WAND
22	400565	CREVICE
23	400563	ROUND BRUSH
24	400564	UPHOLSTERY
25	401076	FLEX HOSE 2,2 M
26	400566	CHROMED HANDLE
27	401074	CONNECTION HOSE
28	400562	UNIVERSAL DUST NOZZLE WITH WHEELS
29	405443	PAPER BAG FILTER



Wiring diagram



Legenda:

IG : Two-poles switch

CO : Capacitor

MO : Motor

Product subject to WEEE directive,





DECLARATION OF CONFORMITY



We



Comac spa
Via Cà Nova Zampieri, 5
37057 San Giovanni Lupatoto
Verona - Italy

DECLARE UNDER OUR SOLE RESPONSABILITY THAT THE PRODUCT

Model

DRY P12 S

to which the declaration relates is in conformity with the following standard(s) or other normative document(s):

Directive CCE: **73/23/CEE ; 89/336/CEE**

Harmonized norms : EN 292,2,2 ; EN 60335-2-69; EN 60204-1 ; EN 55014

Name

Giancarlo Ruffo

Position

C.E.O.

Signature

Date

2nd January 2007



Dealer's signature and stamp

A large, empty rectangular box with a thin black border, intended for a dealer's signature and stamp.