

- ◆ **HL60-2W** Wet and Dry Vacuum Cleaner With Squeegee
- ◆ **HL60-3W** Wet and Dry Vacuum Cleaner With Squeegee(Three-motor)
- ◆ **HL60-2BW** Wet and Dry Vacuum Cleaner With Squeegee
- ◆ **HL60-3BW** Wet and Dry Vacuum Cleaner With Squeegee(Three-motor)
- ◆ **HL80-2W** Wet and Dry Vacuum Cleaner With Squeegee
- ◆ **HL80-3W** Wet and Dry Vacuum Cleaner With Squeegee(Three-motor)
- ◆ **HL90-2W** Wet and Dry Vacuum Cleaner With Squeegee
- ◆ **HL90-3W** Wet and Dry Vacuum Cleaner With Squeegee(Three-motor)

Subagency

Edition in Oct. 2016

VACUUM CLEANER

JL Wet Dry Vacuum



OWNER'S GUIDE



CAUTIONS

- I. This machine is not intended for use by the physically weak, intellectually obtuse or mentally disabled people (including children), unless it is safely used under the help or instructions of those who are responsible for their safety
- II. The children shall be supervised to ensure that they will not play the machine.
- III. Be sure to remove the power plug from the socket before cleaning or repairing the machine.
- IV. If the power cord is damaged or loose, it shall be replaced by the manufacturer's service department or qualified personnel; the connection shall be of Y type.
- V. Remove the power plug after stopping the machine.
- VI. Using power supply which matches voltage and frequency of the machine

Mute industry and commerce wet and dry vacuum cleaner

Instructions:

- 1) Make sure the power supply voltage is the same with this machine.
- 2) After all pipes were connected, you should choose properly scratcher.
- 3) Put the vacuum tube connected with the suction nozzle of vacuum cleaner.
- 4) Please remember that the power line is put in the rear suction nozzle.

Dust aspiration usage:

- 1) Dust bag shall be installed before available operation;
- 2) Keep the machine body clean and dry.

Water suction usage:

- 1) Remove dust separator before water suction;
- 2) Remove odds and ends inside the tank;
- 3) Antifoam agent shall be added to the tank if a blanket is to be sucked in order to prevent bubbles from entering and damaging the motor;
- 4) If motor is damaged due to entered water, it is not covered by the warranty.

Cleaning and maintenance:

- 1) Clean the drums in case there is no any dirt accumulating in inside barrel.
- 2) Wash and brush thoroughly aspiration bags.
- 3) Check the power cord, and make sure that electric wires have no damage.
- 4) Add warm water with cleanser to clear dust bags and use it after dried.
- 5) Dust aspiration bag should be replaced once in 1-2 weeks.

Motor maintenance:

The carbon brush of dust absorption motor of carbon is checked once every year by service personnel.

90L wet and dry vacuum cleaner with pre-water sucker

Performance Characteristics

Compact structure, super mute design, strong suction ability, multi-purpose attached accessories, convenient combination, and widely used in homes, clubs, workshops, plants, office building and other large public places.

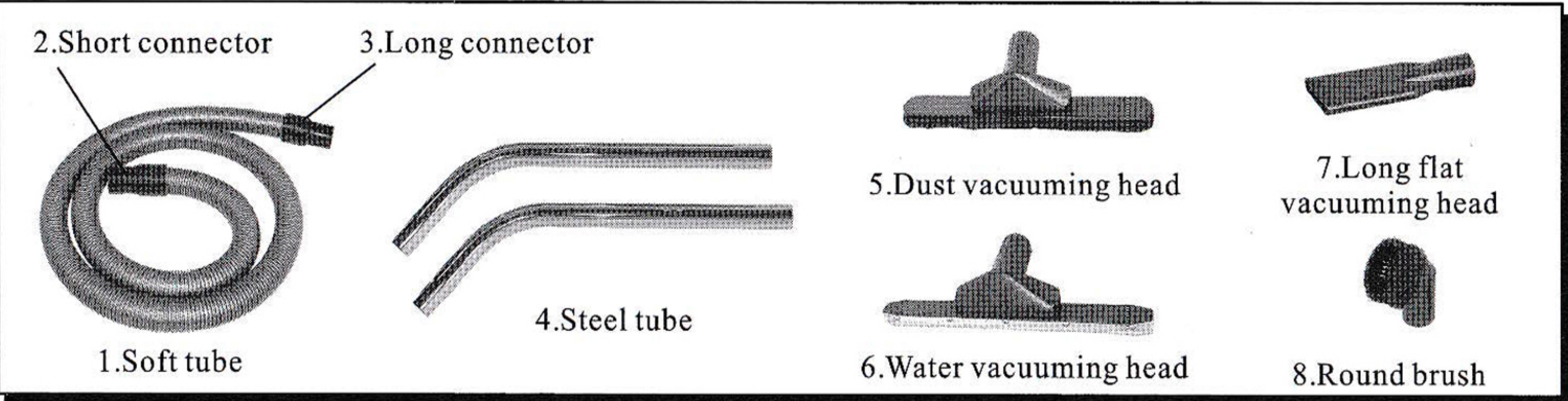
Principal machine



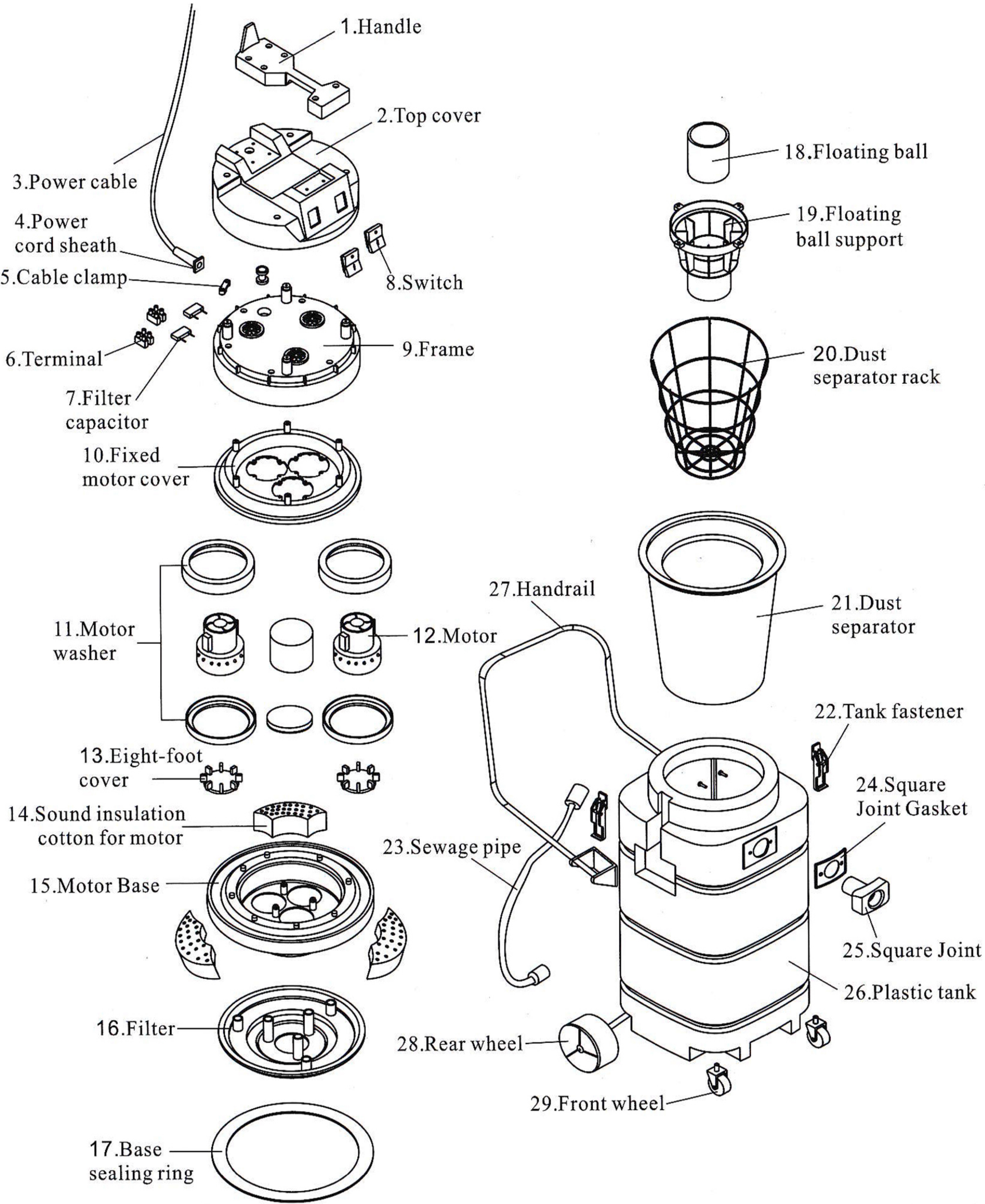
Technical Parameters

Type	HL90-2W/HL90-3W	Volume	90L
Working voltage	110V-120V ~ 1z/60Hz	Power	2000W/3000W
Function	Wet & Dry Vacuum Cleaner	Airflow	106L/S / 159L/S
Cooling mode	Cycle	Barrel body diameter	440mm
Vacuum	250mbar	Accessories	φ 40mm
Height	1090mm	Electric wire	8m

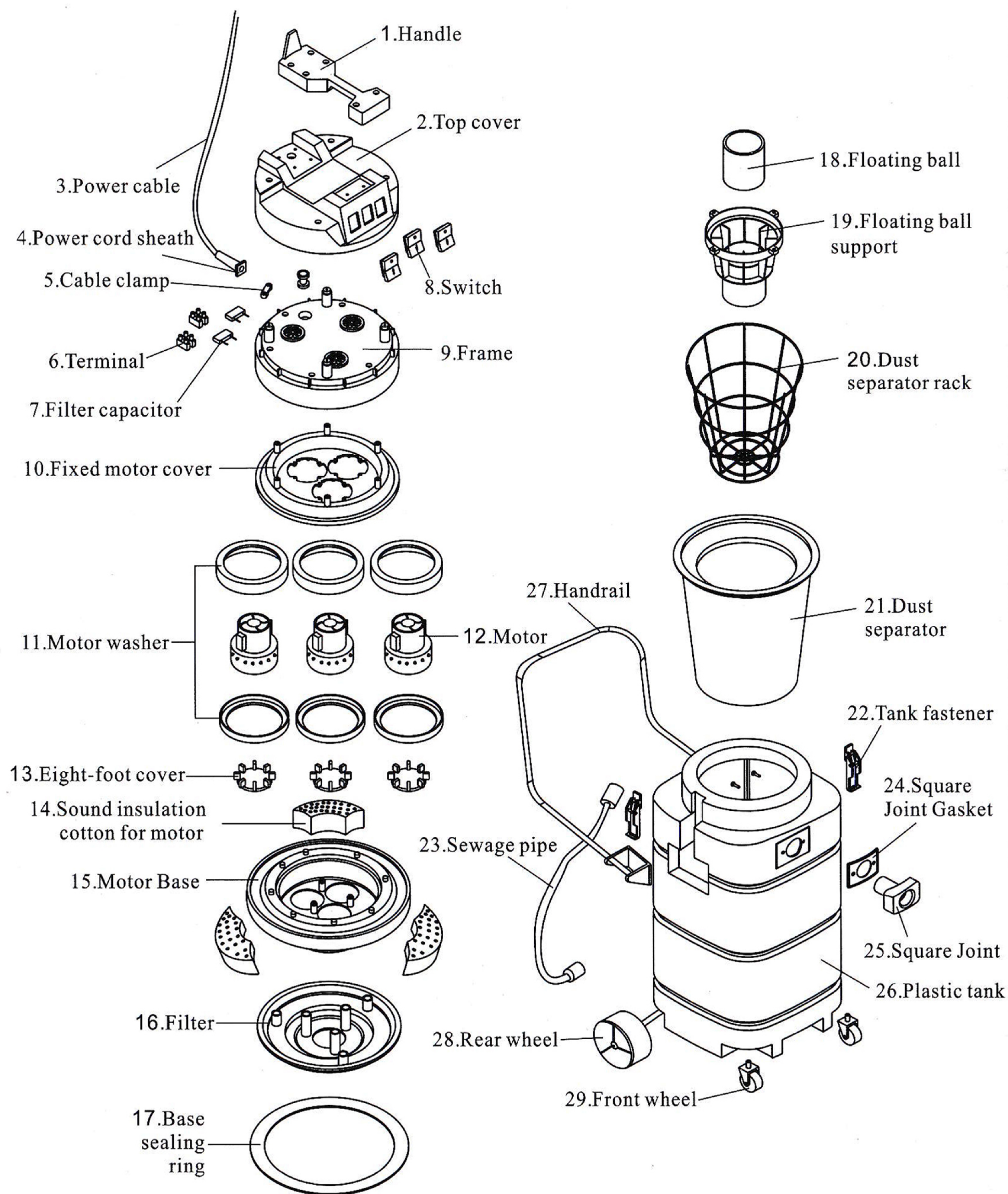
Standard attachments



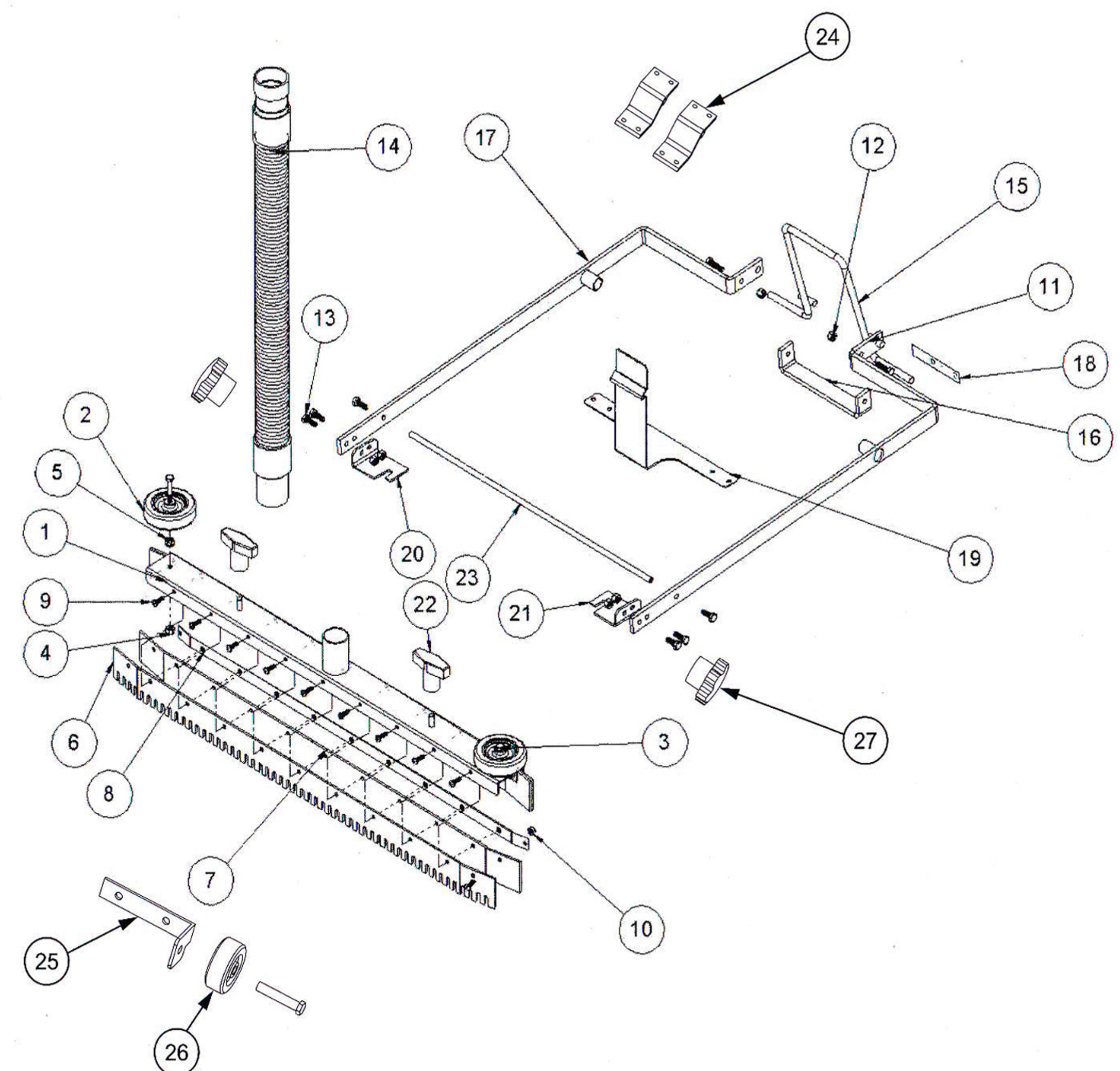
The exploded view of HL90-2W



The exploded view of HL90-3W



The exploded view of pre-water sucker



- 1.Main body of 90L pre-water sucker
- 2.Grey collision $\phi 7 \times 77$ wheel
- 3.Outer hexagonal screw HM6*40
- 4.M6 Self-lock nut
5. $\phi 6 \times 12 \times 1$ Washer
- 6.Orange crash bar B
- 7.Orange crash bar A
- 8.90L water head iron plates
- 9.Screws PM5*15
- 10.M5 nut
- 11.Lift part of 90L bottom bracket
- 12.M6 Self-lock nut
- 13.Screws HM6*20
- 14.Sewage pipe $\phi 40 \times 700$

- 15.Lifting frame of 90L bottom bracket
- 16.U type connection sheet of 90L bottom bracket
- 17.Right part of 90L bottom bracket
- 18.Connecting bracket of 90L pre-water sucker
- 19.Lifting baffle 90L bottom bracket
- 20.Left bracket 90L pre-water sucker
- 21.Right bracket 90L pre-water sucker
- 22.Plum nut M8*40
- 23.Connecting rod 90L bottom bracket
- 24.Installation fastener of water sucker
- 25.L installation fastener of front wheel
- 26.2 inches gray front wheel
- 27.Plum nut M8