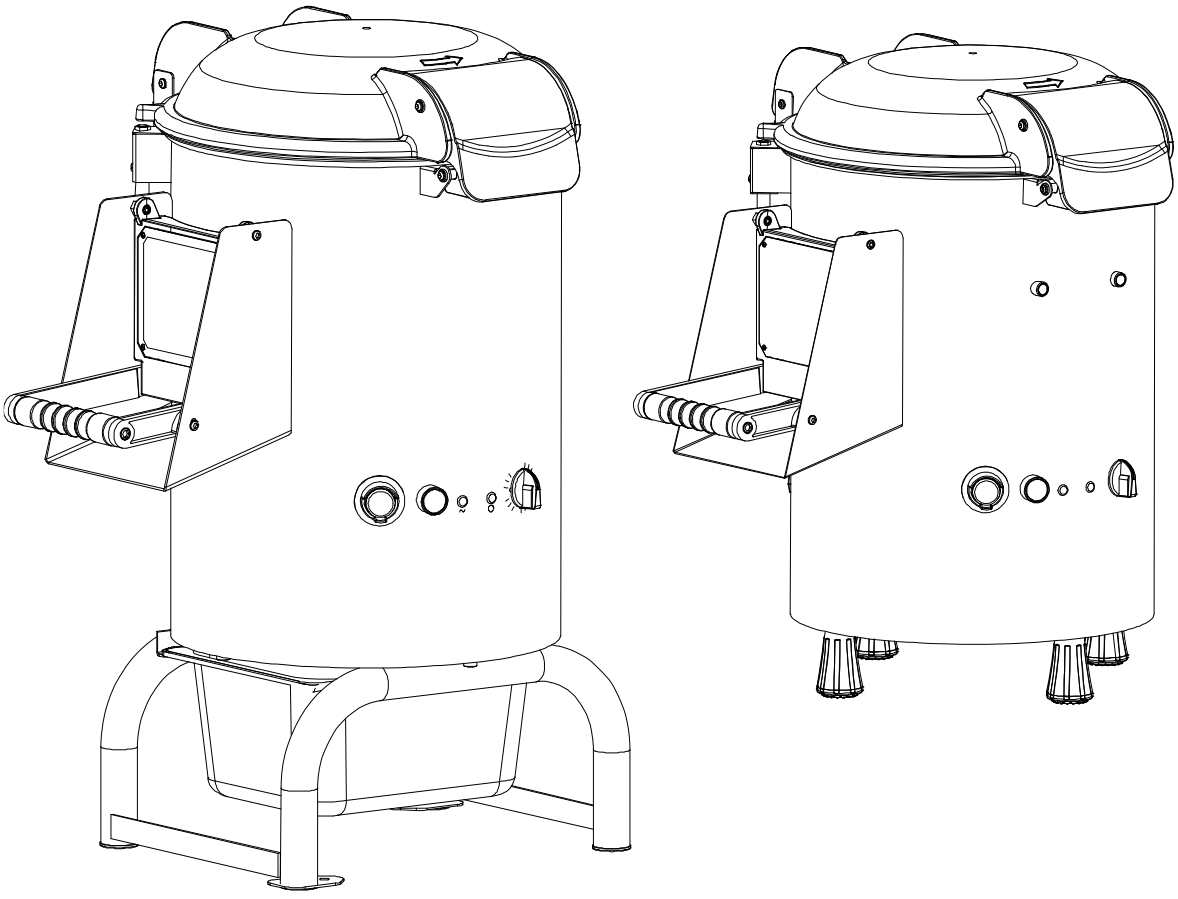
INSTRUCTION MANUAL

Original instructions for **POTATO PEELER**

PP5ST / PP10SF / PP18SF



Keep these instructions with the appliance.

You should read this user manual carefully before using the appliance.

Dear Customer,

Thank you for purchasing this appliance. Please take a few minutes before starting operation of the appliance and read the following operating instructions.

1. Intended use

1.1 This machine is designed for potato peeling in restaurants, canteens and similar catering establishments.

1.2 The machine is not intended to process for meet, vegetable, fruit, fish scales. Otherwise, it might lead to damage of the machine, property or personal injury.

1.3 The machine is intended for commercial and indoor use by trained and skilled personnel familiar with these instructions.

The assortment is made up of 3 different sizes:
PP5ST (PP5ST Countertop) / PP10SF (PP10SF Countertop) / PP18SF
The machine body is built in stainless steel for easy cleaning and maintenance. It has safety features compliant with the applicable safety Directives.

2. Safety regulations ⚠

2.1 Safety regulations

2.1.1 This appliance is intended for commercial use only and must not be used for household use.

2.1.2 The appliance must only be used for the purpose for which it was intended and designed. The manufacturer is not liable for any damage caused by incorrect operation and improper use.

2.1.3 Keep the appliance and electrical plug away from water and any other liquids. In the event that the appliance should fall into water, immediately remove plug from the socket and do not use until the appliance has been checked by a certified technician. Failure to follow these instructions could cause a risk to lives.

2.1.4 Never attempt to open the casing of the appliance yourself.

2.1.5 Do not insert any objects in the casing of the appliance.

1.1.6 Do not touch the plug with wet or damp hands.

2.1.7 Danger of electric shock! Do not attempt to repair the appliance yourself. In case of malfunctions, repairs are to be conducted by qualified personnel only.

2.1.8 Never use a damaged appliance! Disconnect the appliance from the electrical outlet and contact the retailer if it is damaged.

2.1.9 Do not immerse the electrical parts of the appliance in water or other liquids. Never hold the appliance under running water.

2.1.10 Regularly check the power plug and cord for any damage. If the power plug or power cord is damaged, it must be replaced by a service agent or similarly qualified persons in order to avoid danger or injury.

2.1.11 Make sure the cord does not come in contact with sharp or hot objects and keep it away from open fire. To pull the plug out of the socket, always pull on the plug and not on the cord.

2.1.12 Ensure that the cord (or extension cord) is positioned so that it will not cause a trip hazard.

2.1.13 Always keep an eye on the appliance when in use.

2.1.14 As long as the plug is in the socket the appliance is connected to the power source.

2.1.15 Turn off the appliance before pulling the plug out of the socket.

2.1.16 Never carry the appliance by the cord.

2.1.17 Do not use any extra devices that are not supplied along with the appliance.

2.1.18 Only connect the appliance to an electrical outlet with the voltage and frequency mentioned on the appliance label.

2.1.19 Connect the power plug to an easily accessible electrical outlet so that in case of emergency the appliance can be unplugged immediately. To completely switch off the appliance pull the power plug out of the electrical outlet.

2.1.20 Always turn the appliance off before disconnecting the plug.

2.1.21 Never use accessories other than those recommended by the manufacturer. Failure to do so could pose a safety risk to the user and could damage the appliance. Only use original parts and accessories.

2.1.22 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

2.1.23 This appliance must not be used by children under any circumstances.

2.1.24 Keep the appliance and its cord out of reach of children.

2.1.25 Always disconnect the appliance from the mains if it is left unattended or is not in use, and before assembly, disassembly or cleaning.

2.1.26 Never leave the appliance unattended during use.

2.2 Special Safety Regulations

2.2.1 The appliance is intended for commercial and indoor use by trained and skilled personnel familiar with these instructions.

2.2.2 This machine is designed for food processing in restaurants, canteens and similar catering establishments.

2.2.3 Any other use might lead to damage to the appliance or personal injury.

2.2.4 Do not place the appliance on a heating object (gasoline, electric, charcoal cooker, etc.) Keep the appliance away from any hot surfaces and open flames. Always operate the appliance on a level, stable, clean, heat-resistant and dry surface.

2.2.5 **Danger of injury!** Care is needed when operating or cleaning. Wear protective gloves (not supplied) if necessary.

2.2.6 **Caution!** Securely route the power cord if necessary, in order to prevent unintentional tripping over and falling.

2.2.7 Do not use the appliance before it is properly assembled.

2.2.8 This appliance is not intended to be operated by means of an external timer or separate remote-control system.

2.2.9 Never bypass any safety interlocks on the appliance.

2.2.10 **WARNING**: ALWAYS switch off the appliance and unplug from electrical power supply before cleaning, maintenance or storage.

2.2.11 **WARNING**: ALWAYS keep hands, long hair and clothing away from the moving parts.

2.2.12 **WARNING**: Take great care when handling the rotating plate. Wear protective gloves (not supplied) if necessary.

2.2.13 Allow at least 15cm spacing around the appliance for ventilation purpose during use.

2.2.14 Do not wash the appliance with water or waterjet. Washing with water can cause leakage and increase the risk of electric shock. No parts are dishwasher safe.

2.2.15 Do not move the appliance while it is under operation. Unplug the appliance when moving and hold it at the bottom.

2.2.16 Special care should be taken when moving or transporting the appliance due to heavy weight. With at least 2 people or using a trolley for assistance. Move the machine slowly, carefully and never be inclined over 45°.

2.2.17 This appliance is equipped with a cord having a grounding wire with a grounding plug, the plug must be plugged into an outlet that is properly installed and grounded.

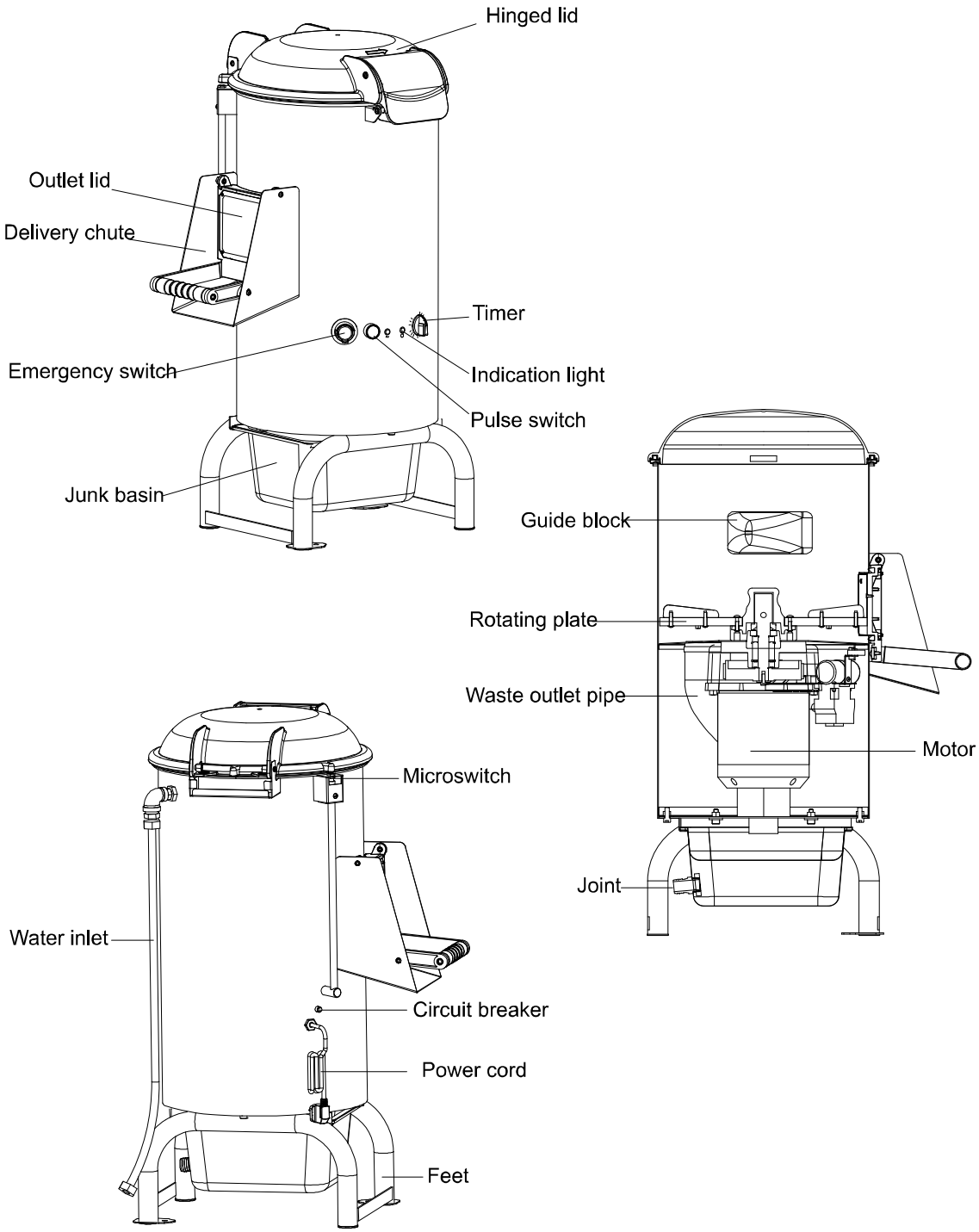
2.3 Grounding installation

This appliance is classified as protection class I appliance and must be connected to a protective ground. Grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

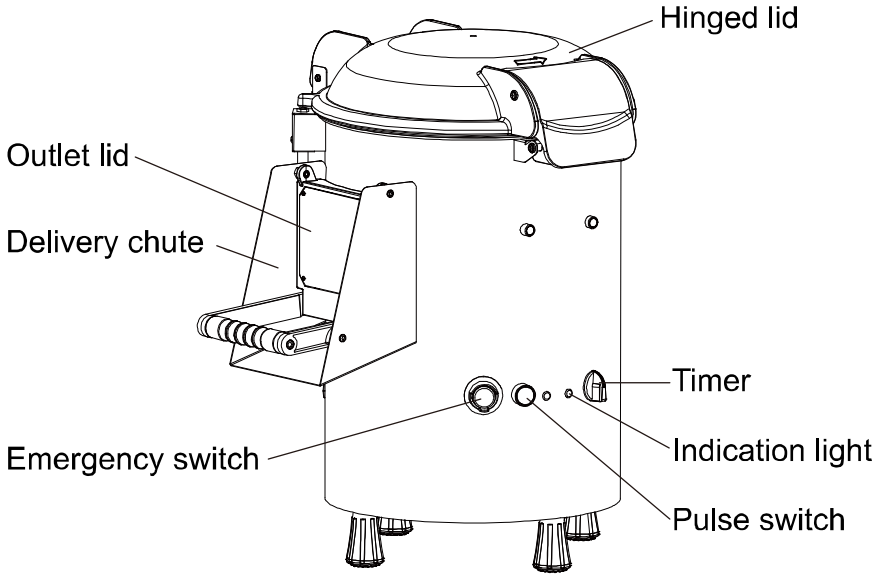
3. PRODUCT DESCRIPTION

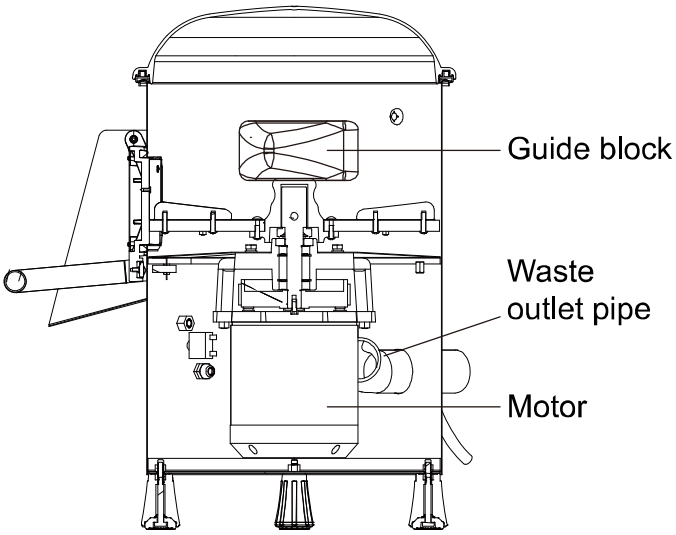
3.1 Parts of description

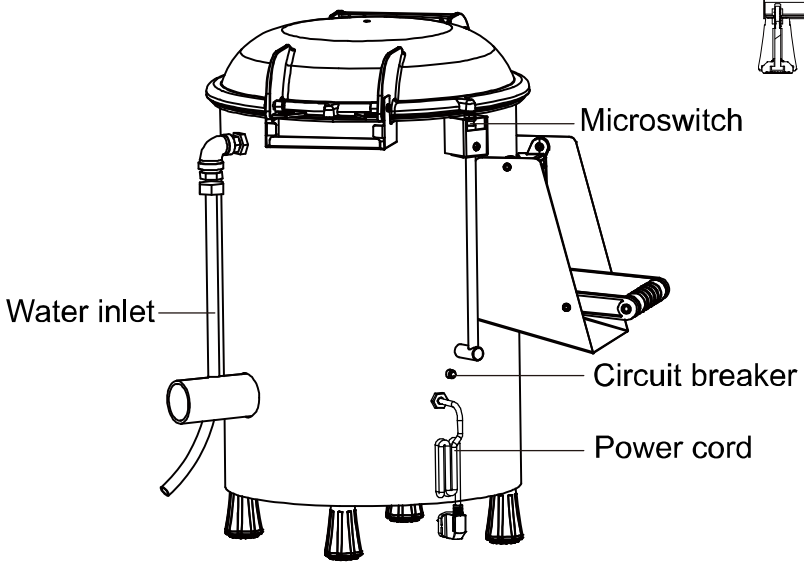
PP5ST / PP10SF / PP18SF



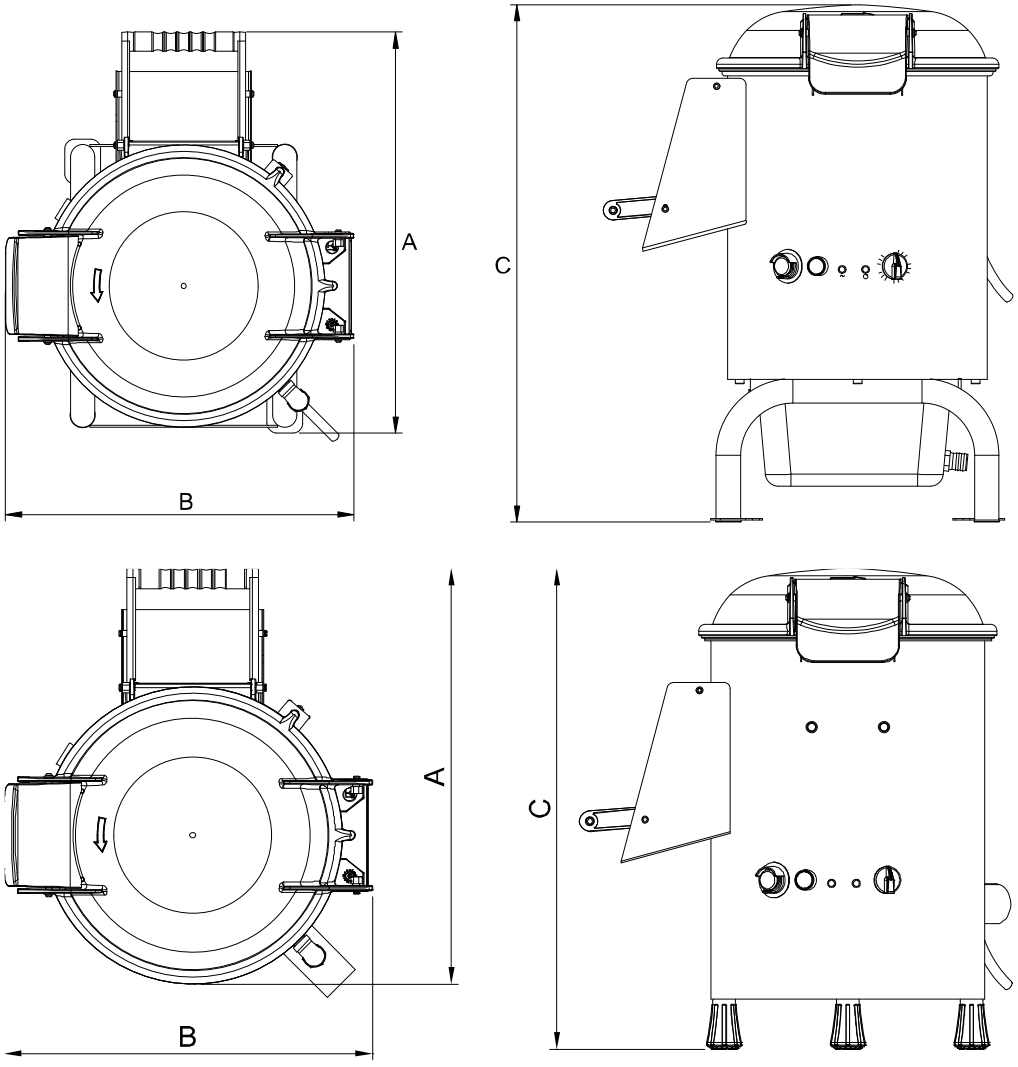
PP5ST COUNTERTOP / PP10SF COUNTERTOP







3.2 MAIN TECHNICAL PARAMETERS



Model	Voltage	Power (W)	Capacity	A (L, mm)	B (W, mm)	C (H, mm)
PP5ST	220-240V~ 50/60Hz 115V~ 60Hz	550	5kg/12L	622	540	802
PP10SF		750	10kg/22L	622	540	857
PP18SF		1100	18kg/28L	622	540	997

4. INTRODUCTION

4.1 Preparation for first use

4.1.1 Check to make sure the appliance is undamaged. In case of any damage, contact your supplier immediately and do NOT use the appliance.

4.1.2 Remove all the packing material and protection film (if applicable). Keep the packaging for future storage.

4.1.3 Clean the appliance, see: 4.7 Cleaning.

4.1.4 Place the appliance on a level and steady surface, unless mentioned otherwise.

4.1.5 Make sure there is enough clearance around the appliance for ventilation purposes.

4.1.6 Position the appliance in such a way that the plug is accessible at all times.

4.1.7 The machine must be used only by trained staff with perfect knowledge of the safety standards contained in this manual.

4.1.8 If staff turnover is necessary, provide training beforehand.

4.1.9 Make sure the power outlet ratings correspond to the specifications printed on the rating plate.

4.1.10 Make sure that the machine is connected to a grounding system.

4.1.11 Even if safety systems are installed on the machine, prevent approaching moving parts with hands and do not touch the machine with wet or damp hands.

4.1.12 Disconnect the machine's socket from the electric before carrying out any cleaning or maintenance operations.

4.1.13 Do not clean with high-pressure water jet.

4.1.14 Regularly check the condition of the power cable. Avoid leaving the power cable in regularly check the condition of the power cable. Avoid leaving the power cable in contact with hot or sharp surfaces and do not pull it in order to remove the plug from the power socket.

4.1.15 It is strongly recommended that the operator contact the after sales center if there is any problem or malfunction occurred. Please do not dismantle the machine or in place of unauthorized parts.

4.2 The manufacturer will be not responsible for following cases:

4.2.1 If the machine is tampered with or safety functions are installed by non-authorized staff.

4.2.2 If the components are replaced by unauthorized parts.

4.2.3 If the instruction in this manual is not carefully followed.

4.2.4 If the machine surfaces are treated with unsuitable substance or solvent.

4.3 Safety devices

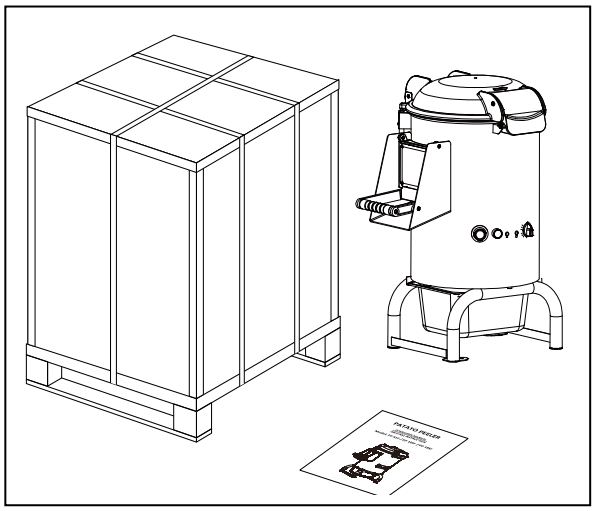
4.3.1 **Micro-switch**: The micro-switch is equipped with a magnet mechanism. The appliance stops automatically when the upper lid or the outlet lid is opened during operation.

4.3.2 **Emergency switch**: In case of emergency (e. g. blockage, abnormal vibration or noise etc.), press the switch immediately. The appliance stops. All the other buttons / switches are deactivated until the emergency switch is reset.
Note: To reset the emergency switch, rotate it clockwise, until it pops out to the initial position.

4.3.3 **Overcurrent protection switch** (Circuit breaker): The switch is designed to protect the electrical circuit from damage caused by excess current as a result of an overload or short circuit. The switch interrupts current flow after a fault is detected.
Note: To reset the switch, press it after the issue is solved.

4.4 INSTALLATION

4.4.1 Packing and unpacking



The machine is packed in a carton with plywood pallet to guarantee perfect safety during transport.
Handle the carton in compliance with the instructions.
Open the carton and make sure that all components are intact. Keep the carton for any future machine removal.
Lift the machine according to the instructions and place it in its selected setting for installation.

4.4.2 Installation area

The selected machine work setting must be sufficiently lit and have an electric power outlet. The workplace must be sufficiently large, perfectly level and dry. The machine should be installed in non-explosive environments. In any case, installation should be carried out by taking into account any applicable industrial safety regulations in force.

4.4.3 Electric connection

DANGER-CAUTION: Electric connection to the power outlet should be operated by skilled personnel.
Check for the perfect efficiency of the plant grounding system. Make sure that the line voltage (V) and frequency (Hz) correspond to the machine ratings (refer to the machine identification plate and wiring diagram). The machine comes equipped with an electric cable with plug. Plug the machine into a main wall switch with differential.

4.4.4 Connection to water supply and drainage system

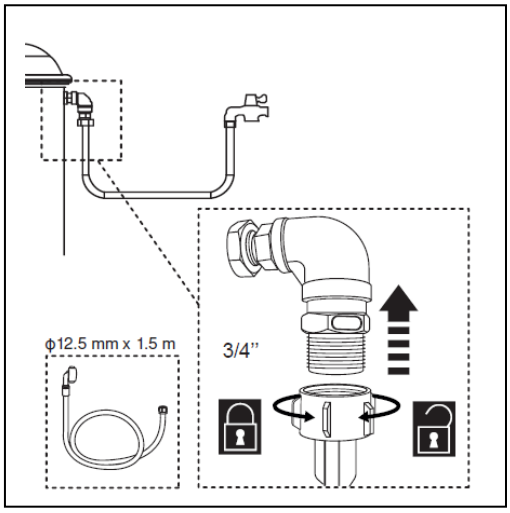
4.4.4.1 Connect to water supply by means of the supplied hose (150cm) and 3/4 " couplings. Proceed as follows:

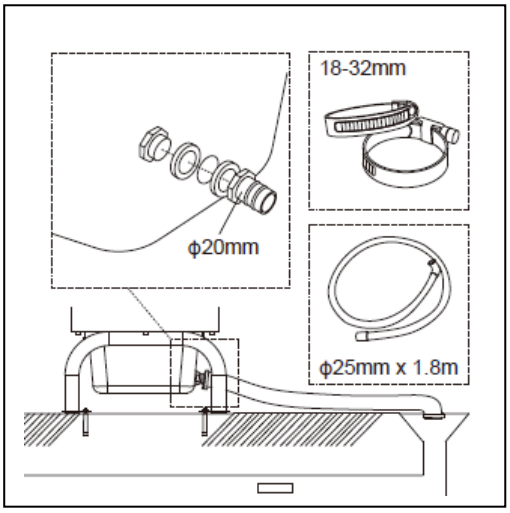
-Connect hose to inlet at the back side of the machine.

-Connect the other end of the hose to water supply.

4.4.4.2 Use the hose clamp to affix the drain hose to the joint of the junk basin. The other end of the drain hose is inserted into the drainage system.

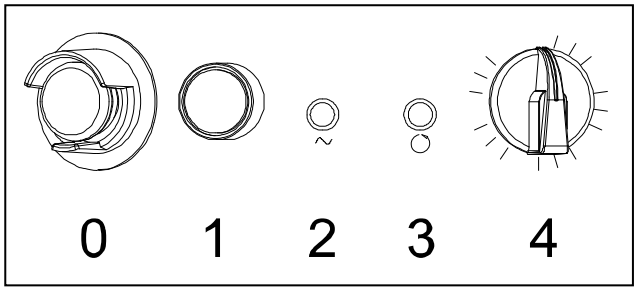
PS: The drain hose and hose clamps are optional parts.





4.5 OPERATION AND CLEANING

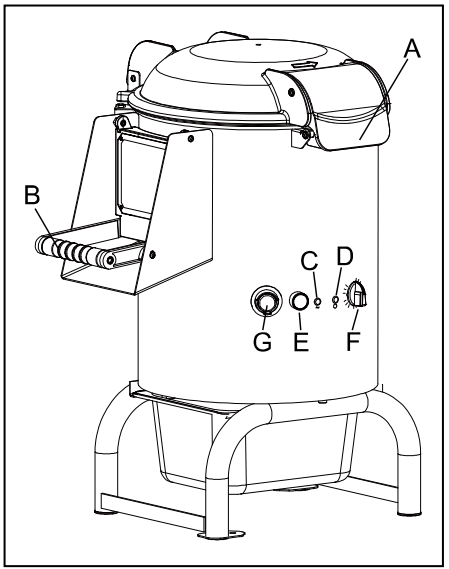
4.5.1 Control descriptions



4.5.1.1 Power-on lamp (2) Power-on pilot lamp will light

4.5.1.2 Running lamp (3) Running pilot lamp will light

4.5.1.3 Timer knob (4) Turn the timer knob to the desired operating time (0-5 minutes). The machine starts operating and the operating indicator (green) lights up. Once the set time is reached, the machine stops and the operating indicator goes out.



4.5.1.4 Pulse button (1)

Wait until the machine stops, open the outlet lid and press the pulse button to discharge the peeled potatoes.

Note: Do not press the pulse button during peeling operation.

4.5.1.5 Emergency switch (0)

4.6 Use of the machine

Open the transparent lid by pulling the handle A until it clicks open.

Put the disk in and load the tank with the product to be processed. Lock the lid and make sure the outlet door B is locked. Switch the wall master switch on. Power-on white pilot lamp C will light.

Start the machine by turning the timer knob F on the required working-cycle time length, the running green pilot lamp D will light.

Make sure rinsing water flowing in.

The machine will automatically stop and the running green pilot lamp will go off on ending the set cycle.

In order to let the processed product out, open the outlet door B after putting a container underneath it. Then press pulse push- button E to allow the on-empty rotation of the disk. Meanwhile hold the outlet door so as to check the product coming out without touching it.

DANGER-CAUTION: **NEVER** put your hand inside the outlet door to help the products come out. If there is any accident occurred, please press the emergency stop immediately.

4.7 Cleaning

4.7.1 Clean the machine after each use.

4.7.2 Switch off and unplug the machine before cleaning or maintenance and let it cool down completely.

4.7.3 Do not clean the machine with steel wool, strong chemicals, abrasive or toxic agents, as they may damage the surface of the machine and pose a health hazard.

4.7.4 Use clear water during cleaning. Make sure that the electrical parts/connections of the machine do not become wet or damp.

4.7.5 Do not clean the electric components, e. g. switch, button, timer knob etc., with high pressure water jets or extremely hot steam.

4.7.6 Wipe the outside of the machine at least once a month with a soft damp cloth and, if necessary, a little mild detergent. Also make sure to clean the upper lid (incl. the gasket), delivery chute and basins thoroughly after each use. Dry with a soft dry cloth.

4.7.7 Open the upper lid and remove the peeling plate from the peeling chamber. Clean the peeling plate and peeling chamber interior with a suitable brush. Rinse them with clear water afterward.

4.7.8 The machine may only be used again or stored after it is dried completely.

Note 1: It is recommended to remove the peeling plate and check the waste outlet pipe for blockage after each operating cycle.

Note 2: The peeling plate is not suitable for the dishwasher.

4.8 Storage

4.8.1 Before reassembling, make sure that all parts are dry. Before storing, remove all residues from the appliance (incl. the basins), disconnect it from the supply and clean the appliance and its accessories thoroughly.

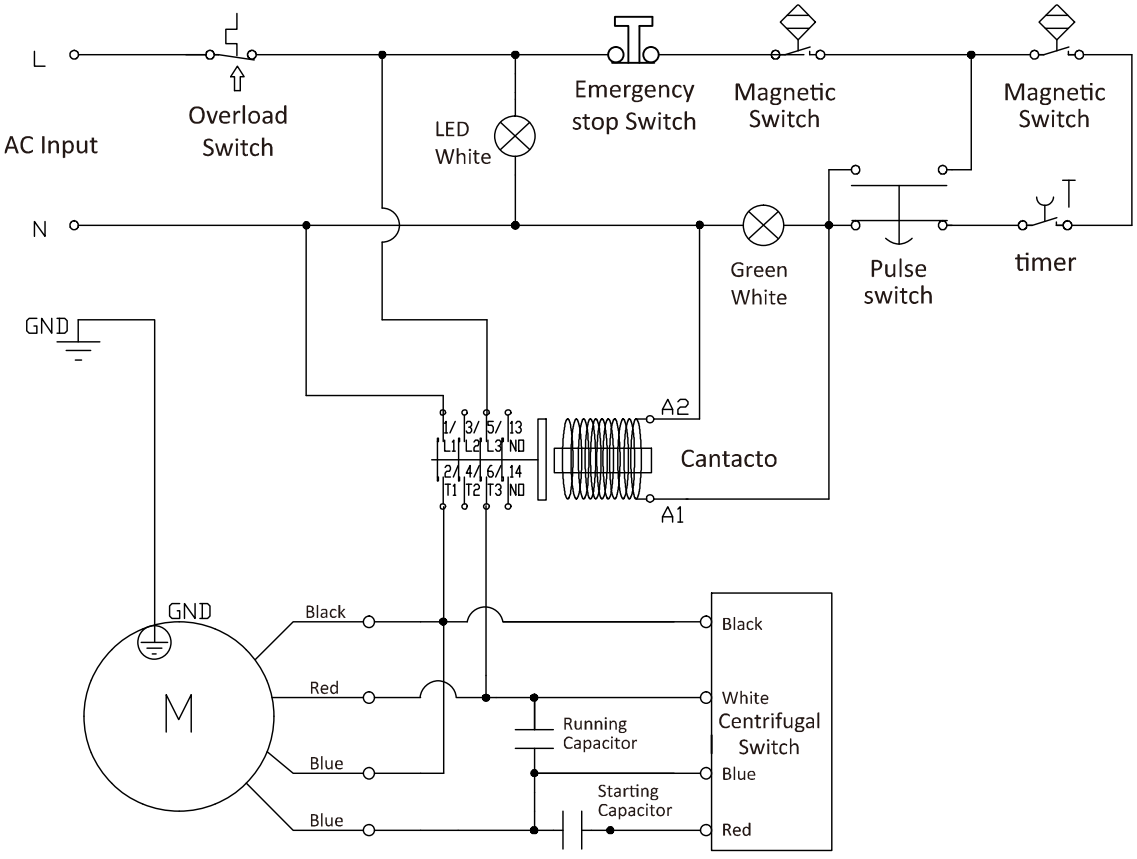
4.8.2 Disconnect the appliance from the water supply and waste water outlet hose.

4.8.3 Store the appliance in a dry, protected environment at room temperature and out of the reach of children.

4.8.4 Keep the upper lid open to avoid smell or mold.

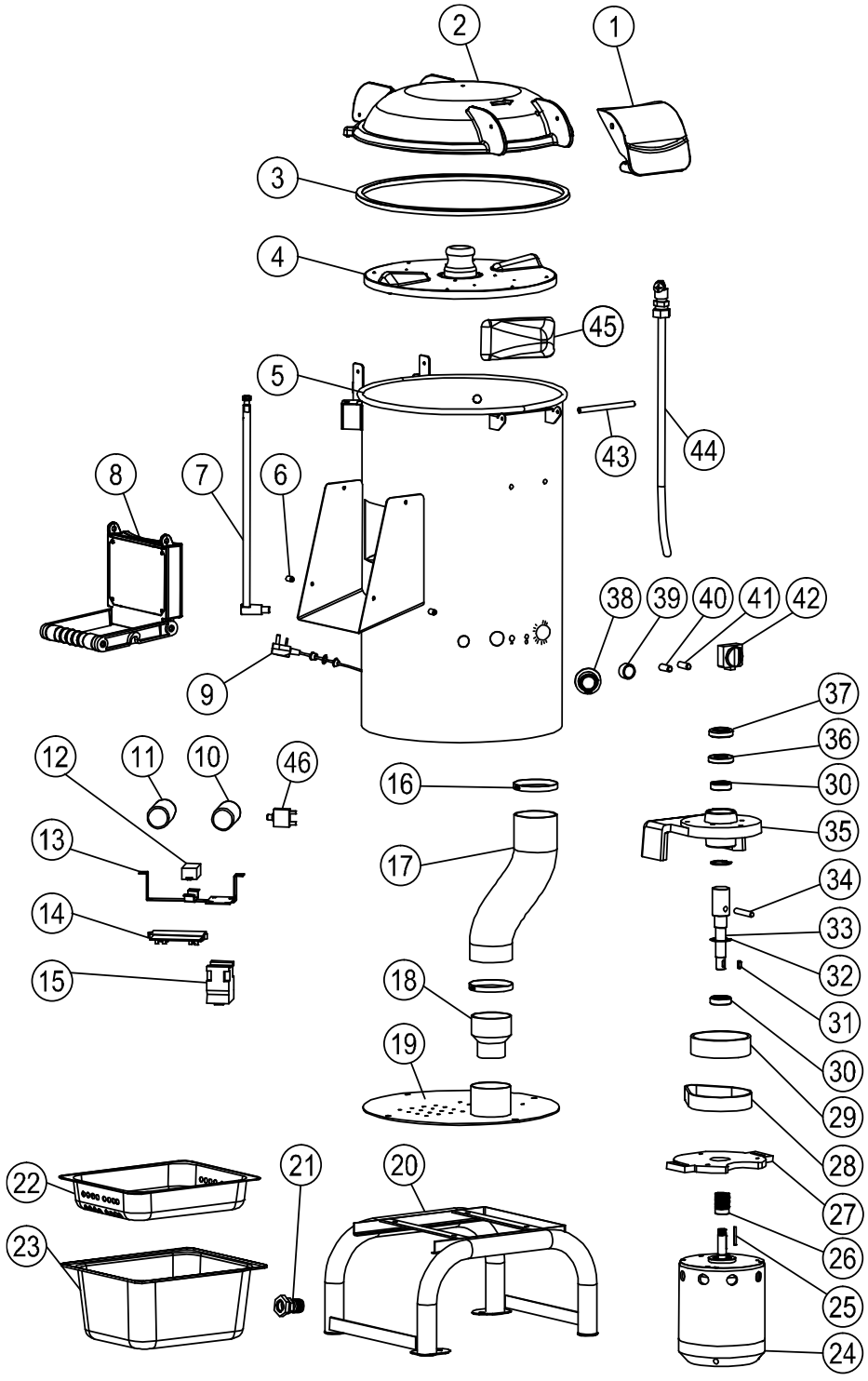
4.8.5 To protect the appliance from dust, cover it with a cloth that allows air circulation inside the appliance.

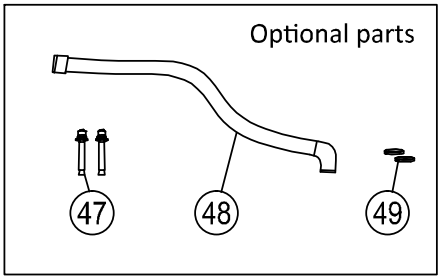
5. Circuit diagram



6. Exploded view

6.1 PP5ST / PP10SF / PP18SF

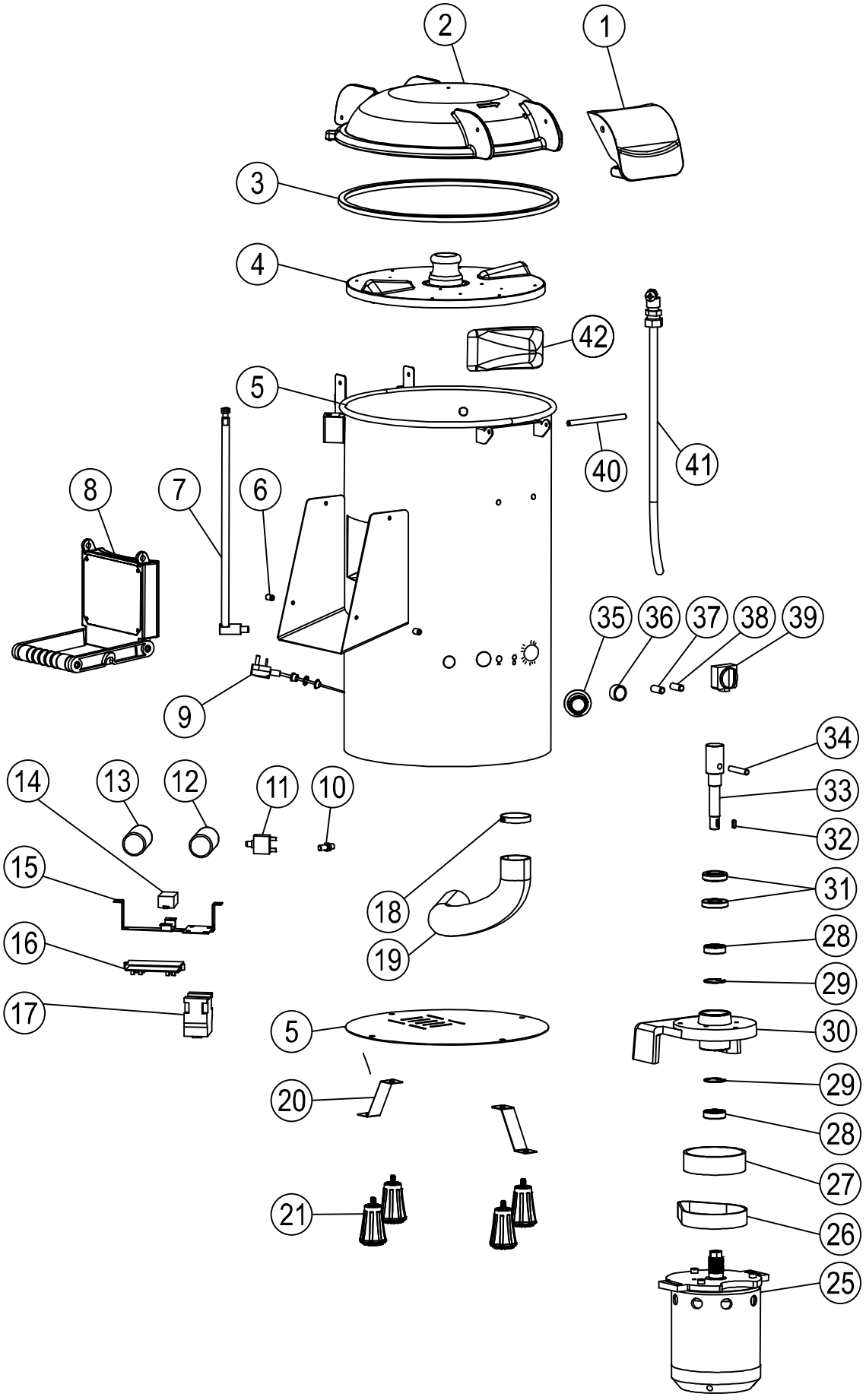




PP-ST(F) Spare Parts List

Part No.	English Name	Part No.	English Name
1	Locking plate	26	Strapped wheel
2	Hinged lid	27	Motor adjusting board
3	Seal ring	28	Belt
4	Rotating plate	29	Belt wheel
5	S/S Barrel	30	6004 Bearing
19	Bottom plate	31	Flat key
6	Protruding pin	32	C-type snap ring
7	Wire pipe	33	Output shaft
8	Outlet lid	34	Fixed position pin
9	Power cord	35	Motor fixing board
10	35uF Running capacitor	36	Ceramic ring
11	150uF Starting capacitor	37	Seal ring
12	Centrifugal Switch	38	Emergency stop Switch
13	Bracket of PCB	39	Pulse switch
14	PCB panel	40	Red indicator light
15	Relay	41	Green indicator light
16	Hose clamp	42	Timer
17	Waste outlet pipe	43	Bayonet pin
18	Discharge pipe coupling	44	Water inlet pipe
20	Support bracket	45	Guide block
21	Transition joint	46	Over-current switch
22	Sieve basin	47	Expansion bolt (Optional part)
23	Junk basin	48	Drain hose (Optional part)
24	Motor	49	Hose clamp (Optional part)
25	Flat key		

6.2 PP5ST COUNTERTOP / PP10SF COUNTERTOP



PP-ST(F) COUNTERTOP Spare Parts List

Part No.	English Name	Part No.	English Name
1	Locking plate	20	Install fastener
2	Hinged lid	21	Foot
3	Seal ring	25	Motor
4	Rotating plate	26	Belt
5	S/S Barrel + Bottom plate	27	Belt wheel
19	Protruding pin	28	6004 Bearing
6	Wire pipe	29	C-type snap ring
7	Outlet lid	30	Motor fixing board
8	Power cord	31	Sealing ring
9	Microswitch	32	Flat key
10	Over-current switch	33	Output shaft
11	35uF Running capacitor	34	Fixed position pin
12	150uF Starting capacitor	35	Emergency stop Switch
13	Centrifugal Switch	36	Pulse switch
14	Bracket of PCB	37	White indicator light
15	PCB panel	38	Green indicator light
16	Relay	39	Timer
17	Hose clamp	40	Bayonet pin
18	Waste outlet pipe	41	Water inlet pipe