



Innovates
in **maintenance**
products.

OPERATING INSTRUCTIONS

MOBILE PART WASHER



LIST OF CONTENTS:

1	INFORMATION	3
1.1	PRODUCT REFERENCES	3
1.2	GENERALE INFORMATION	3
1.3	WARNING	4
1.4	CHARACTERISTICS	5
2	PREPARATION OF THE MOBILE PART WASHER	6
2.1	MOUNTING	6
2.2	FILLING IN THE PARTS WASHER	7
3	CONTROL BOX ELEMENT	8
4	USING	9
4.1	RIISING OF THE TEMPERATURE:	9
4.2	ADJUSTING THE FLOW OF THE PUMP	9
4.3	HEATING SECURITY	10
4.4	SOAKING	10
5	TANK	11
5.1	LIQUID LEVEL :	11
5.2	DRAINING / CLEANING	12
5.2.1	<i>Dismantle the electric kit</i>	12
5.2.2	<i>Drain the liquid</i>	13
5.2.3	<i>Re-install the electric kit</i>	13
6	MAINTENANCE	14
6.1	REGULAR SERVICE	14
6.2	ELECTRICAL DIAGRAM	14
6.3	EXPLODED VIEW	15
6.4	SPARE PARTS LIST	16
7	WARRANTY	16
	NOTES :	17

1 INFORMATION

We thank you for acquiring this multi-task mobile, solvent-free part washer. The parts washer unit uses a neutral pH water-based cleaning solution with a filtration that extends the bath life.

1.1 PRODUCT REFERENCES

ECO PARTS WASH: Dedicated cleaning solution for this parts washer

ECO PARTS WASHER: Degreasing Eco Parts Washer

1.2 GENERALE INFORMATION

For assistance, please contact your commercial agent. Please specify the serial number glued to the back of the machine for every request:

	FS07	GRAVITY
SERIAL NO.		
		VAC 115
AMPS.- FULL LOAD CURRENT	13	
WATTS	1500	HZ. 60 PH. 1

1.3 WARNING

PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY AND COMPLETELY TO ENSURE THAT YOUR NEW PART WASHER WILL OPERATE AT ITS MAXIMUM EFFECTIVENESS



WARNING

- 1- The parts washer must ONLY be connected to a 115 Volt supply with a grounded terminal and grounded fault interrupter according to local and national electrical code requirements. The full-load amperage is 13 amperes
- 2- Failure to permanently ground the unit and controls before connecting to electrical power can cause shock, burns or death
- 3- Disconnect and lockout electrical supply before installing or servicing unit.
- 4- Unit must be properly grounded to prevent electric shock hazard. Connect only to three-prong outlet. Should cord become cracked, frayed or damaged in any way, it should be repaired/replaced immediately by a qualified electrician. Never use an extension cord.
- 5- Do not pour any pollutants (solvent, oil, grease, engine oil, diesel fuel or gasoline) directly into the parts washer. Drain parts to be cleaned of any flammable material or combustible material before cleaning. Even small quantities can create a dangerous fire hazard.
- 6- Never add or pour in any products such as solvents, disinfectants, alcohols, halogenated agents,

flammable products, acid, bases, boiling water, esters or toxic products. Pouring these products into the parts washer may damage components and can be dangerous to your health.

- 7- Consult the MSDS for the cleaning solution you are using before filling or using parts washer.
- 8- Always wear the recommended safety gloves and glasses.
- 9- If splashed in the eyes, follow cleaning solution MSDS instructions
- 10- Clean up fluid spills immediately. Cleaning solutions can create a slippery surface and could damage floor coverings or painted surfaces.
- 11- A spill of product on the ground can create a slippery surface. Clean immediately to avoid falls
- 12- Provide adequate ventilation for the machine and work area. This machine can clean materials and chemicals from parts that may contain harmful vapors.
- 13- This is a heated system. Always use caution when first putting hand under liquid stream to prevent injury from heated solution. If the liquid feels uncomfortably hot, discontinue.



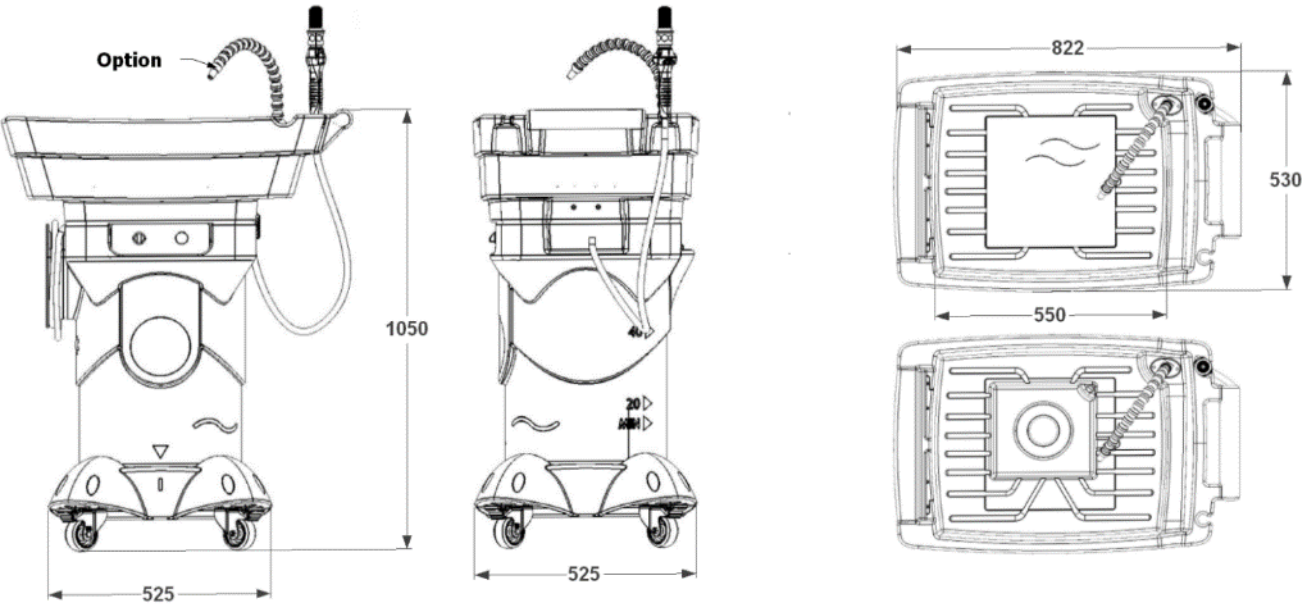
CAUTION

- 1- Do not exceed the maximum weight capacity of this machine as defined in the user guide. Do not place parts on the cover. It is not designed to support heavy load
- 2- Do not modify any elements on the parts washer. It has been designed for use with our cleaning solution and our micro-organism tablets.
- 3- Leave the parts washer switched on to maintain the oxygenation and temperature levels required for the hydrocarbon-degrading micro-organisms to develop satisfactorily.
- 4- Low level detection: The parts washer is equipped with an automatic low-level control system. It runs with a liquid level of between 4 and 10 gal, when the level drops below 10 gal, the pump disengages. In this case, the level must be topped up with 5 gal can of our ready-to-use degreasing solution and micro-organism tablets.

- 6- Do not dismantle the pump or any other components without disconnecting the parts washer and leaving the liquid a sufficient time to cool down.
- 7- Limit soaking time for all sensitive metals. Never leave a part to soak over-night.
- 8- Use ECO PARTS WASHER only as described in this manual. Use only recommended attachments and parts.
- 9- Unplug equipment from electrical outlet when not in use for an extended period of time. Never use the cord to pull from the outlet. Grasp plug and pull to disconnect.
- 10- Wash your hand after cleaning
- 11- Do not use the fountain without liquid or when the pump turns off, the fountain may be damaged.

1.4 CHARACTERISTICS

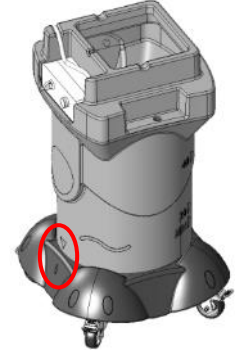
Overall dimensions	33" x 21" x h 41"
Cleaning table dimensions	Interior: 22" x 17" x h 6"
Empty weight	51 lb
Tank capacity	10 gal
Power supply	115v – 1.5kw
Tools	Tool holder with an interchangeable brush
Weight when empty (without cleaning solution)	66 lb
Soaking tray	Integrated at the bottom of the sink - 9.5" x 8.6" x 3" volume 1 gal
Pump flow	1.5 gal
Heating resistance	1,45 Kw
Electrical consumption	150w/h in average
Noise level	Less than 50dB at 1 meter away



2 PREPARATION OF THE MOBILE PART WASHER

2.1 MOUNTING

1. Please check there have not been any damages during transportation.
2. Unpack the unit from the cardboard:
 - Take out the foot with its rolls and spot the rectangle sign.
 - Take out the sink and put it on the floor beside the foot.
 - Take out the tank and put it on the foot. The arrow must be in front of the rectangle sign as indicated on the picture

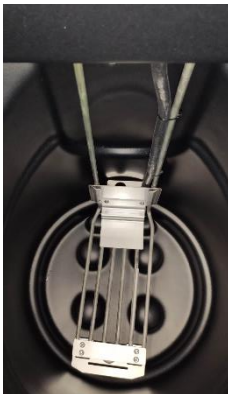


3. Unbox the pump



Turn the grey ring to the left as far as it will go

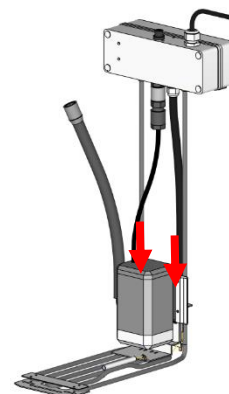
4. Unpacking the pump from its cardboard box



+



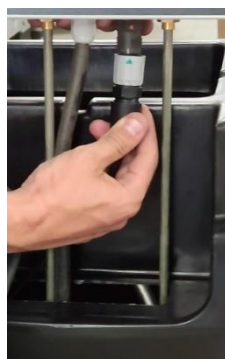
=



5. Pump plug in on the electric box



Pull up the electro-kit outward (near 5")



6. Position the electrical cable on the dedicated holder. WARNING Do not roll up the cable around the holder before the sink is well positioned. 7. Put the sink on the tank. The handle must be on the right of the electric box.	 2  3
8. Insert the little block pin of the sink (on the other side of the electric box) 	 

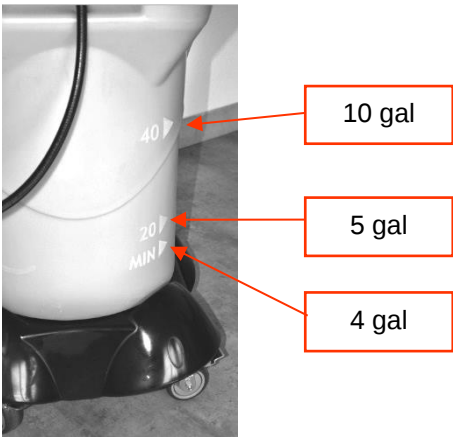
2.2 FILLING IN THE PARTS WASHER

- 1- Fill in the tank with 2 canisters of 5 gal of cleaning solution.

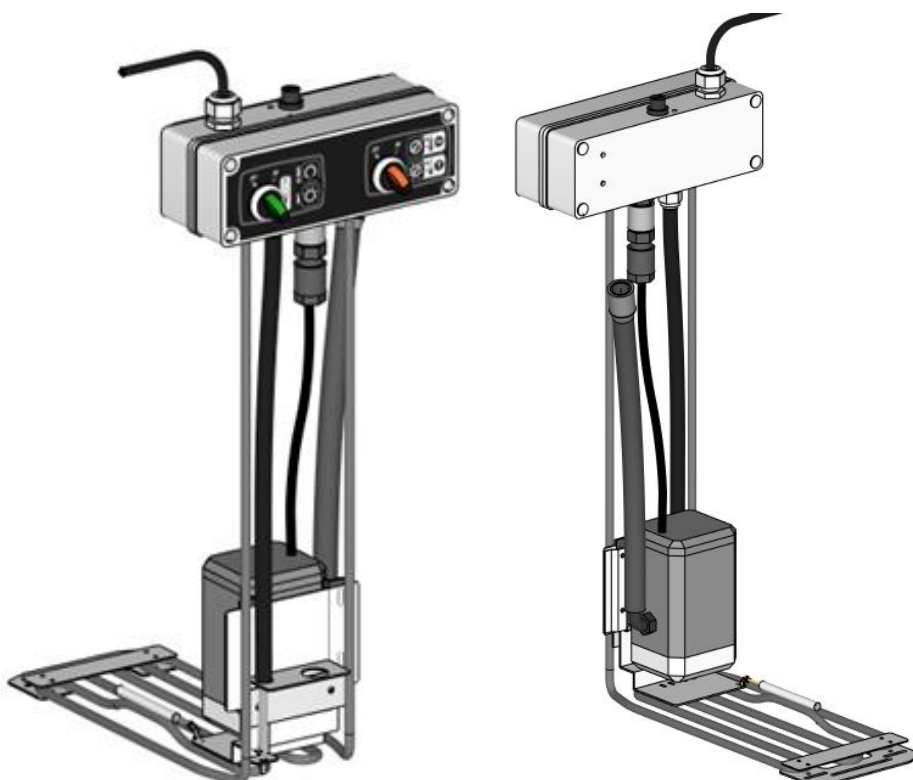
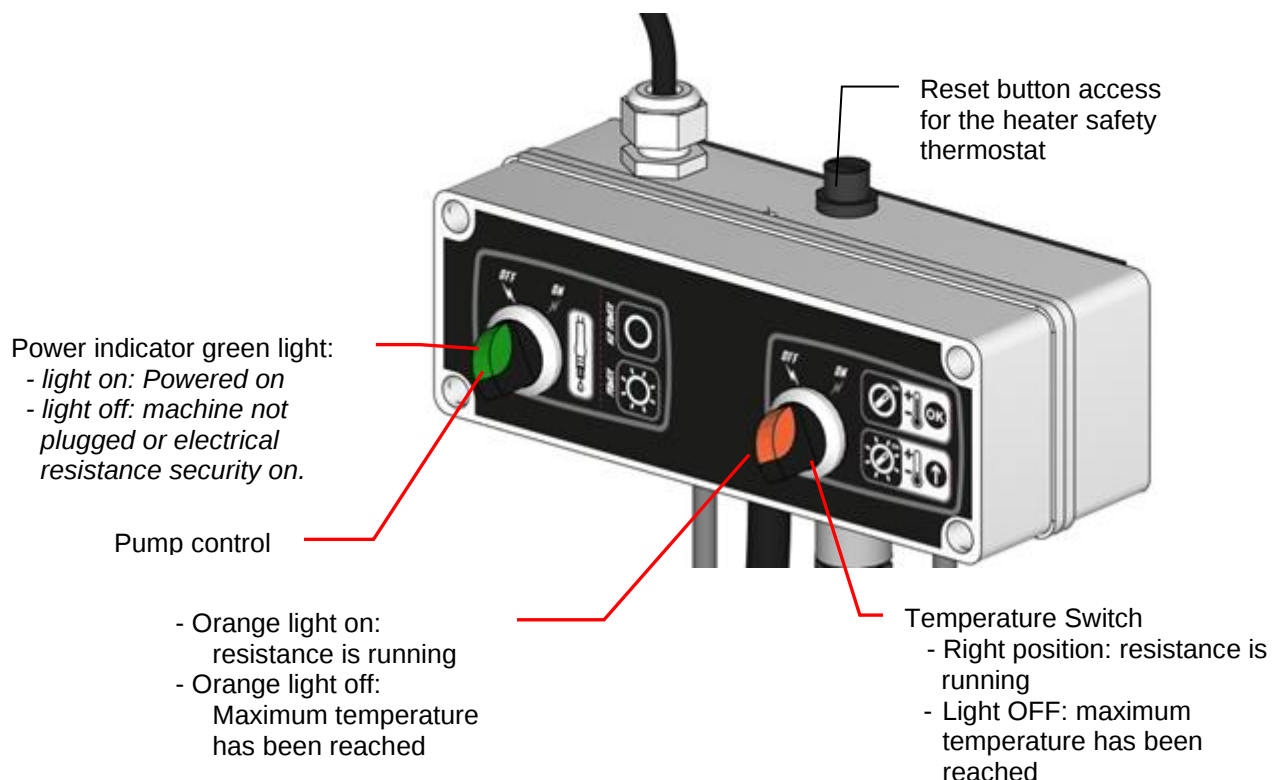
WARNING

Do not throw the empty cans away. They may be useful for recovering the cleaning solution if ever the unit needs to be drained.

- 2- Write down the date on the follow-up poster.



3 CONTROL BOX ELEMENT



4 USING

WARNING

Do not plug the machine into the electrical socket if the tank is empty or almost empty.

- 1 **PLUG IN** the machine on a **115V** socket. The **POWER** light goes on.



- 2 **TURN** the switch on **ON** to **HEAT** the solution.



- 3 When the light **GOES OUT**, the product is at its **RIGHT TEMPERATURE**. You can plug out the the machine.



4.1 RISING OF THE TEMPERATURE:

The inner thermostat is set to 38°C. The heating time is about 20min for 5 gal. This time depends on the initial temperature of the liquid and also on the liquid quantity in the tank.

4.2 ADJUSTING THE FLOW OF THE PUMP

The flow of the brush can be adjusted with the exterior valve, which is fixed on the brush hose.



4.3 HEATING SECURITY

The machine does not have a low level liquid control. The cleaning solution is pumped until the deactivation of the pump (low level: 4 gal)

By evaporation, the liquid level can potentially decrease if the resistance keeps on running. In this case, after a long period of time, the level can be too low and can activate the safety thermostat. Then, you have to add a cleaning solution canister in the tank and also restart the safety thermostat.

WARNING

If the liquid level is under the heating resistance or if the tank is empty, the safety thermostat is activated. In this case, the safety thermostat can be damaged.

4.4 SOAKING

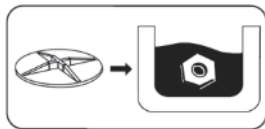
CAUTIONS

- ➔ Realize tests in order to validate the cleaning protocol (compliance of the materials, soaking time...) in particular with non ferrous metal and light metal such as zinc, brass, and aluminum alloy (even the ones including silicon).
- ➔ *Do not let a spare part soaking the whole night.*
- ➔ *Limit the soaking time as much as possible*

The soaking tray needs at least 6.4 gal of liquid in the tank.

Soaking operations:

- 1- Remove the rectangle sheet steel
- 2- Close the discharge of the sink with a black lid.



- 3- Close the spare parts in the soaking tray.
- 4- Close the soaking tray with the rectangle sheet steel.
- 5- Fill in the tank with the brush.

WARNING

- ➔ Make sure that there is no residue (chips, sand...) on the surface of the soak tray stopper. Clean the tray if necessary.
- ➔ Be careful that nothing clog the overflow hole.

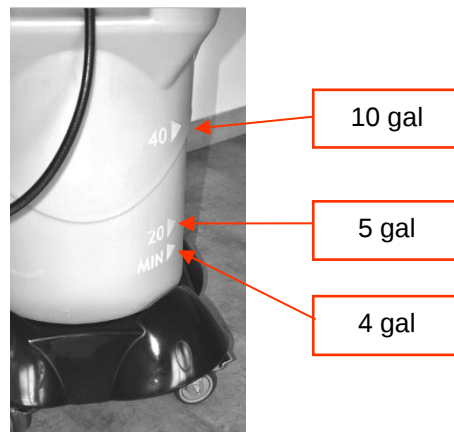
5 TANK

5.1 LIQUID LEVEL :

- Maximum Level: 10 gal – matched to 2 liquid canisters.
- Minimum Level: 4 gal. This level match to the deactivation of the pump.

WARNING

To use the soaking function and to be over the minimum level, the liquid quantity must be over 6.6 gal



5.2 DRAINING / CLEANING

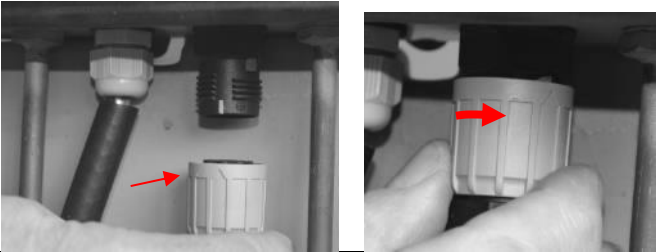
5.2.1 Dismantle the electric kit

1. Take out the pin that blocks the sink (on the opposite side of the electric box)	 
2. Take out the sink and unplug the connection of the pump. <i>* 2 connections with the sprinkling hose version</i>	 
4. Lift the electric box from 4" to 6". 5. Unplug the electrical connector of the pump by turning the grey ring by 1/8th turn.	 
6. Hold the electrical connector and withdraw the pump by the tube.	 
7. Take out the electrical kit and lay it on a safe area. Be careful to no to twist the heating resistance.	

5.2.2 Drain the liquid

1. Drain the liquid: - Use the pump to drain the machine until the minimum level. - Remove the yellow lid from the dispenser nozzle. - With one hand, lift the tank from above. With the other hand lift the tank from under. Drain the tank into a canister thanks to a funnel. WARNING The product must be recycled according to the regulations in force.	
2. Wash the inside of the tank.	

5.2.3 Re-install the electric kit

1. Slide the pump in its compartment. 2. Re-position the electric kit inside the tank. 3. Lift the box from 4" to 6"	
4. Insert the pump connector. The arrow written on the grey ring must be in front of the white female part of the kit connector. 5. Screw the grey ring by 1/8th turn.	
6. Connect the hose(s) inside the pump.	

6 MAINTENANCE

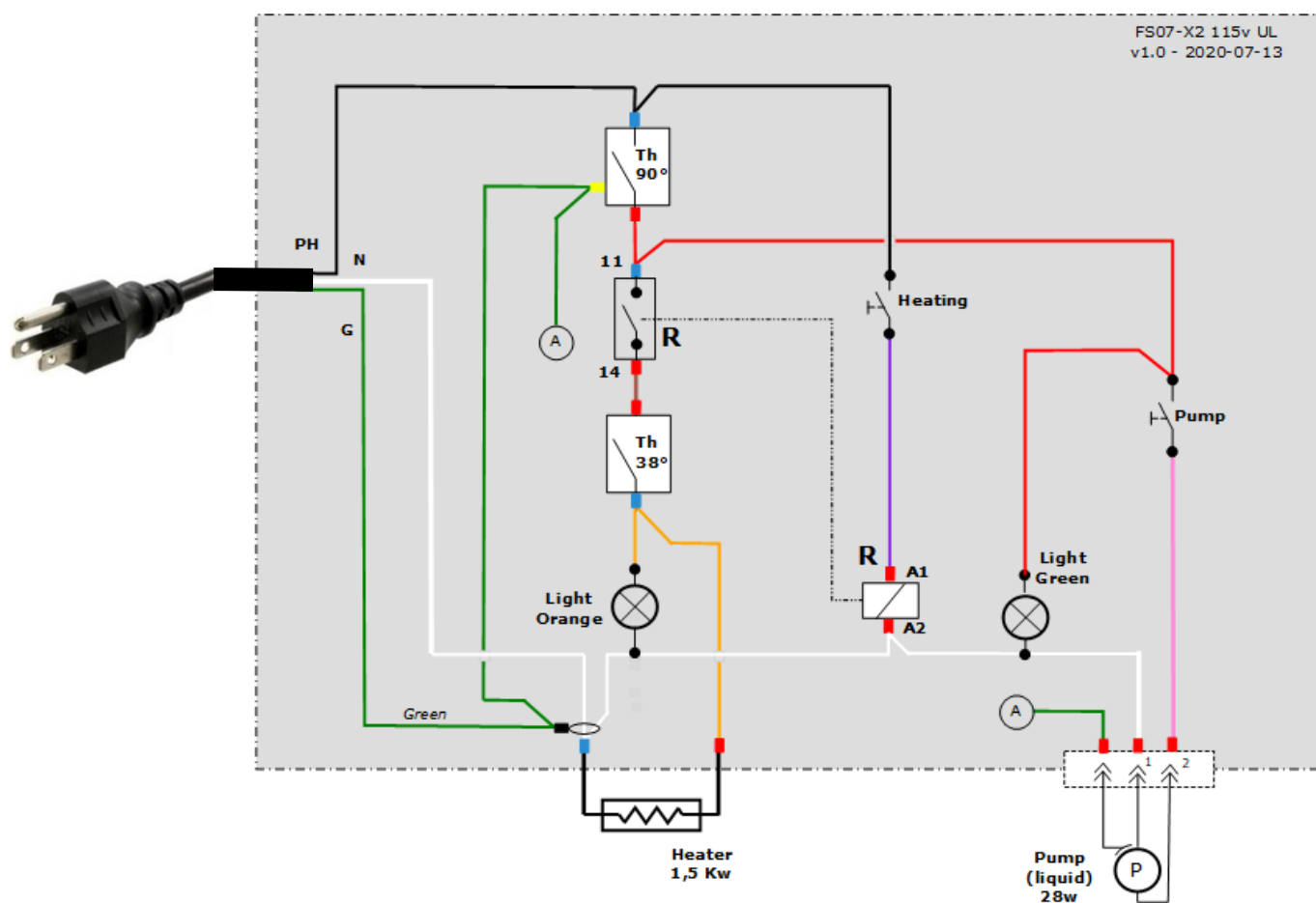
6.1 REGULAR SERVICE

- Clean up regularly the 50µm socket filter. Change the socket filter every time you drain the machine.
- Clean up the tank every time you change the liquid and clean the strainer that is fixed on the electric kit

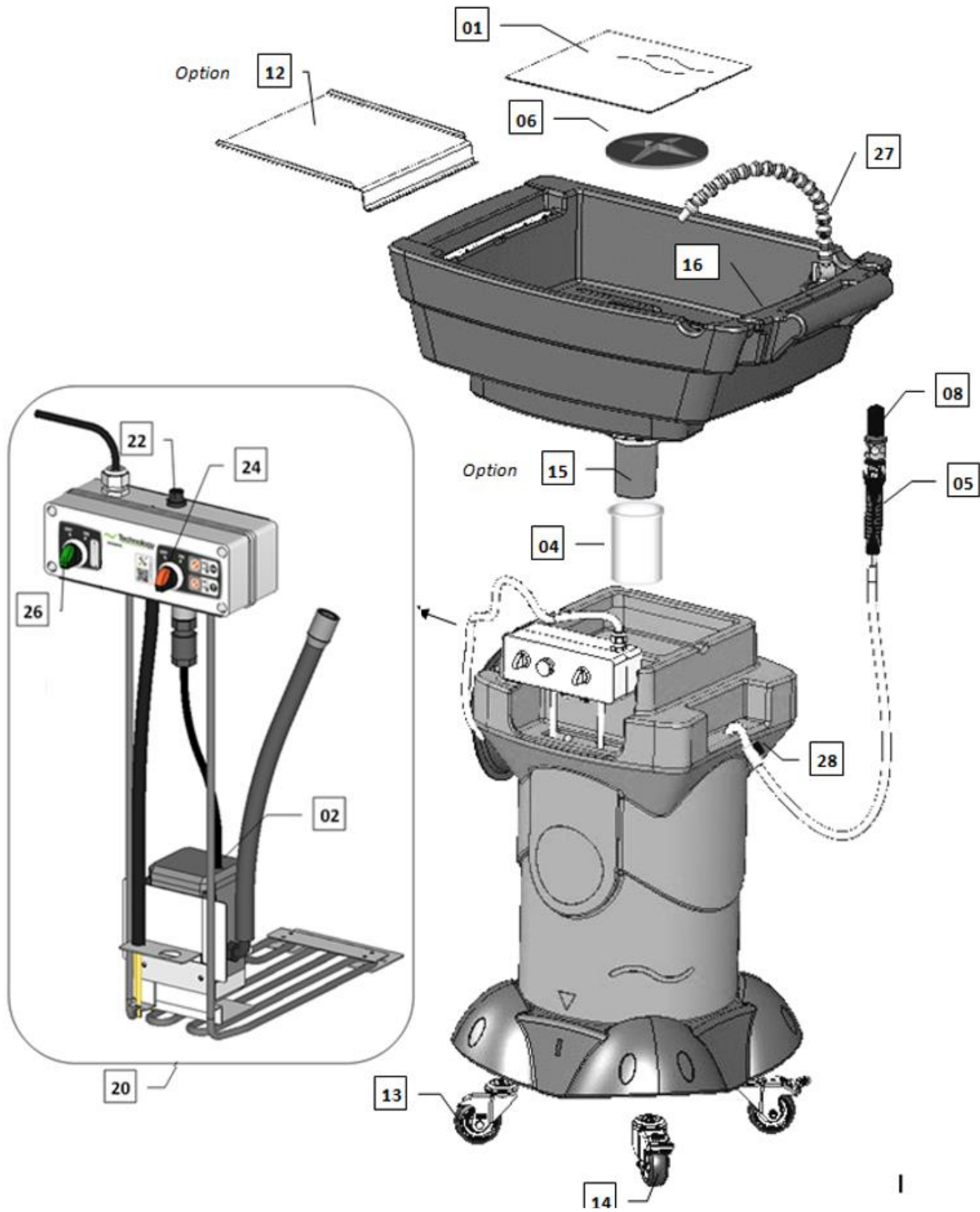
CAUTION

Unplug the power supply for all maintenance action on this machine: draining, cleaning the pump, intervention on the electrical box....

6.2 ELECTRICAL DIAGRAM



6.3 EXPLODED VIEW



6.4 SPARE PARTS LIST

01	SOAKING TRAY PLATE	CSEQFOFC 065-001
02	FS07 PUMP 115v	CSEQFO 000711-1
04	SOCKET FILTER 50 µ	CSEQFO 000125
05	TOOL HOLDER FS01/07/09 (incl. Black hose)	CSEQFO 000111-3
06	SOAKING TRAY STOPPER	CSEQFO 000349
08a	FO SCREWABLE BRUSH - Hard Brush 0,5 mm	CSEQFO 000102-4
08b	FO SCREWABLE BRUSH - Standard Brush 0,4 mm (OPTION)	CSEQFO 000102-3
10	STRAINER FOR PUMP FS06/ FS07	CSEQFO 000646
12	SHEET METAL SINK EXTENSION	CSEQFO 000672
13	ROTARY WHEEL (without brake)	CSEQFO 000630
14	ROTARY WHEEL (with brake) FS07	CSEQFO 000631
15	BASKET FILTER (OPTION)	CSEQFO 000289
16	PLASTIC FASTENING CLIP	CSEQFO 000539

20	ELECTRIC KIT. FS07 - X2 (without the pump)	CSEQFO 000055-13
21	REGULATION THERMOSTAT 38°	CSEQFO 000623
22	SAFETY THERMOSTAT 90°	CSEQFO 000621
23	RESISTANCE FS07 1350w – 115v UL	CSEQFO 000863
24	LIGHTING SWITCH: 2 POSITIONS. ORANGE COLOR	CSEQFO 000617
26	LIGHTING SWITCH: 2 POSITIONS. GREEN COLOR	CSEQFO 000860
27	LOC-LINE FOR SPRINKLING HOSE (OPTION)	CSEQFO 000673
28	SMALL VANE – FLOW OF THE LIQUIDE THROUGH THE BRUSH	CSEQFO 000707
29	RELAY – 115v	CSEQFO 000866

7 WARRANTY

All parts on the parts washer are guaranteed for 1 year excepting normal wear parts (brush, filters, hoses, etc.) and any parts that may have been damaged by incorrect use, negligence or accident. The guarantee will run as from the parts washer's date of invoice.

The degreasing parts washer has been designed for use as described in the operating instructions. Any modification made to the parts washer will lead to the guarantee being declared null and void. This also applies if any consumables are used other than those indicated in paragraph 1.1.

The manufacturer cannot be held in any way liable for any damage caused by using the parts washer in any way other than the way recommended in the operating instructions, in technical datasheets and in the safety data concerning associated products.

The manufacturer reserves the right to modify the design of his products for improving them at any time.

NOTES :

YOUR CONTACT

YOUR CONTACT
