

Dilution Control Systems

Wave II Model 420620 Touchless Cleaning System

In The box

- Wave II unit
- Battery
- Trigger sprayer
- Discharge hose, 15 feet
- Instructions
- Dash labels
- Tip kit: 3 red purple
2 light gray
3 light purple
2 aqua

Warnings and Precautions

1. Wear protective clothing and eyewear when working with chemicals and when filling or emptying equipment.
2. Be sure all components are firmly screwed or latched into position.
3. Direct discharge away from you.
4. Exercise CAUTION. Dispense cleaners and chemicals in accordance with instructions.
5. Observe safety and handling of each chemical.
6. Clean equipment after each use.
7. Never operate this unit while battery charger cable is plugged into power outlet.

Setup Instructions

1. Charge battery for approximately 4 hours.
2. Locate number 1 product tubing and insert appropriate tip for product, see figures 1 and 2.
3. Connect each numbered hose to appropriate product containers.
4. Label each numbered space on the product selector dash with product name.
5. Label number 4 position as Rinse.
6. Attach trigger sprayer to the discharge hose.
7. Remove the black cap from the water fill port. Fill the 8 gallon tank with cool, clear tap water.

Priming

1. Set the product selector to one of the products.
2. Turn the power switch on.
The pump should run for a short time, then stop.
The pump will run until the pressure reaches the factory set pressure.
The pump will then turn off.
3. Direct the trigger sprayer into a drain or other container and activate the trigger.
4. Run until a steady spray pattern is established, without air in the water stream.
5. Release the trigger. The pump should stop almost immediately. If it does not, operate the unit longer as it is not fully primed.
6. Turn the product selector to the remaining products and repeat priming.



Tip Location

Numbered hose

Check valve

Tip

Fig 1

Tip Chart

Product	Light	Heavy
007 Double-O	Red Purple 1:128	Aqua 1:20
4 Foamy Mac	Lt Gray 1:32	Aqua 1:16
17 Odor-Rite	Red Purple 1:128	Lt Purple 1:64
33 Soap Scum	Lt Gray 1:40	NA
64 Millennium Q	Lt Purple 1:64	NA
70 Tough Green	Red Purple 1:128	NA
256 Century Q	Red Purple 1:256	NA

Fig 2



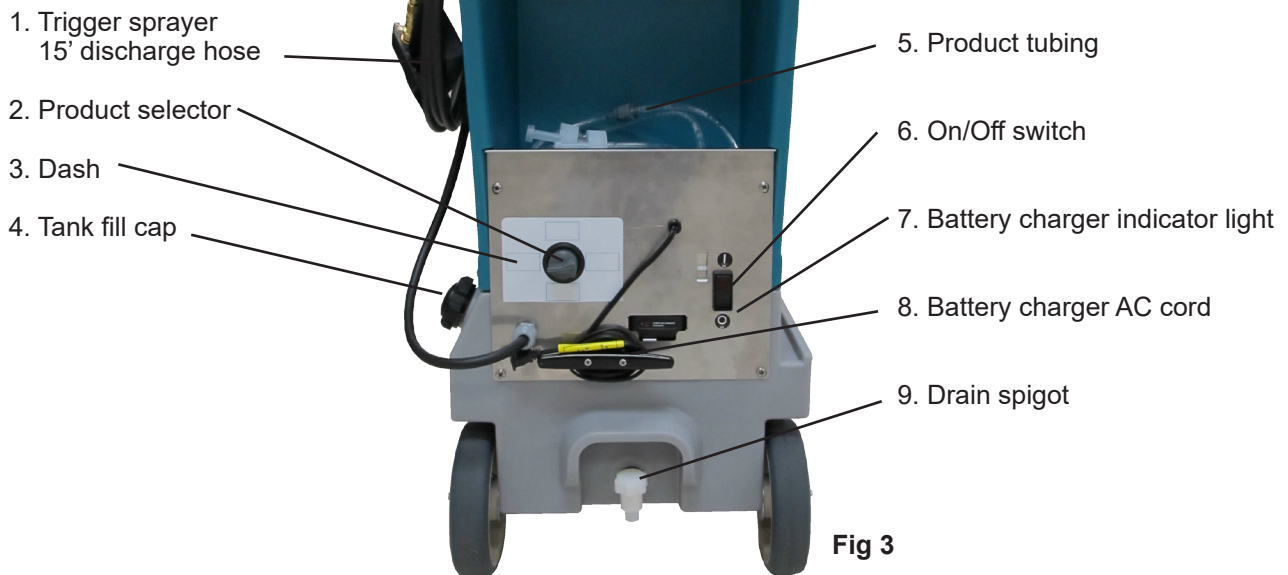
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Features



Operation

1. The power switch is lighted when it is in the "ON" position.
2. The pump will run when the trigger on the trigger sprayer is pulled, it will stop when trigger is released.
3. Run the unit approximately 10 seconds to flush prior chemical from hose.
4. Select chemical to be used by turning product selector.
5. Direct spray onto all surfaces to be cleaned.
6. To rinse, turn product selector to rinse, and spray.
7. When finished with unit, drain water into floor drain using spigot on back of unit.
8. Plug charger cord into wall outlet to charge battery.

Out of water/chemical indication

When the system runs out of either water or chemical, air will enter the water stream and it will become "rough." The pump may also continue to run when the trigger is released. Turn off the power immediately, fill the water reservoir and/or replace the empty product container, and repeat the priming operation.

CAUTION: Do not operate unit while the charger is plugged into an electrical outlet. If unit does not operate unless plugged in, check that the battery terminals are connected securely.

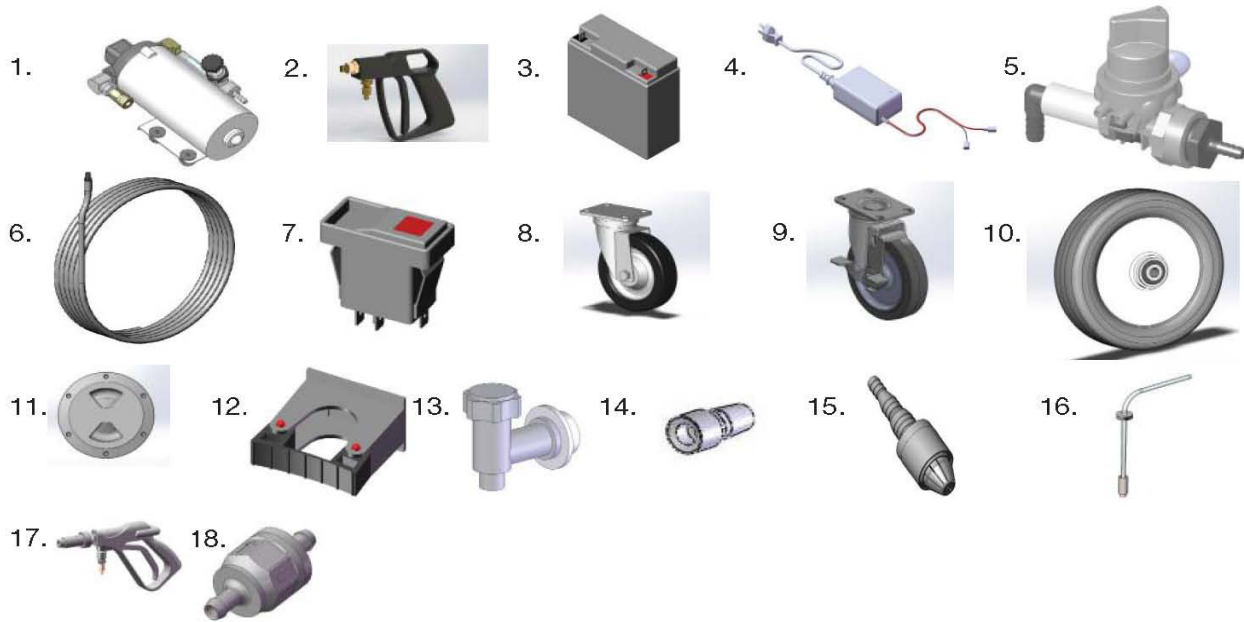
Maintenance

1. When finished using the Wave II for the day, run the pump two minutes with the product selector valve in rinse position, to purge chemical from discharge hose.
2. Turn the unit to the OFF position. Relieve the pressure in the discharge hose by activating trigger on the trigger sprayer after the switch has been turned off. A small amount of water will discharge.
3. Check the unit for any damage or leakage.
4. If the Wave II is going to be stored where it can freeze, drain the water reservoir and run the pump until there is no more water in the system. Allow the system to thaw before you start the pump.
5. Plug the unit into a 120 Volt outlet to recharge the battery. The indicator light on the charger will be red while the battery is charging, and green when the battery is fully charged. Leave the charger plugged in during long term storage to maintain battery capacity. Note: It is not necessary to fully discharge the battery before recharging.

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Item	Part Number	Description
1.	421040	Pump replacement kit
2.		Spray/Rinse gun
3.		Battery
4.		Battery charger
5.		Chemical selector valve
6.		Discharge hose replacement, black
7.		On/off switch replacement kit
8.		Caster replacement
9.		Locking caster replacement
10.		Wheel replacement
11.		Inspection port cap (some models)
12.		Mop clips (set of 2)
13.		Tap style drain
14.		Metering tip kit
15.		Foot valve, EPDM
16.		Chemical feed line kit
17.		Optional foaming attachment
18.		Check valve
19.		Chemical line
20.	420605	Foaming Gun
21.		Check valve
22.		Dual battery
23.		Mop bucket retainer
24.	420621	Hose quick disconnnet, female
25.	420622	Hose quick disconnect, male
26.	420623	2503 Rinse tip for item 2
27.	420628	2508 Spray tip for item 2