



Quality Tools for Smart Cleaning™

**100%**  
**CUSTOMER**  
**SATISFACTION**  
**GUARANTEE**

At Unger, we aim to stand apart from the rest thanks to our special “Yes We Can!” service spirit. We love what we do and as proof of that, we promise to deliver a 100% Customer Satisfaction Guarantee on every product and service we offer.

**⚠ DANGER**

Contents under pressure can cause severe injury or death from tank rupture.

**When starting system:**

- Do not exceed pressure of 116 psi (8 Bar).
- Check system for cracks.
- Be sure cover is in locked position.
- Keep Water OUT connection open and hold yellow lever down to remove trapped air from system.
- For use only with drinking (tap) water.

**Before servicing system:**

- Shut off tap water supply and open Water OUT connection.
- Disconnect water supply and allow tank to drain.
- Before opening tank, Press yellow FastLock™ opening lever to remove pressure the tank, rotate handles counter-clockwise 1/8 turn, and remove top cap using handles.

- Spilled resin is a slipping hazard. Clean up spilled resin immediately.
- Resin can cause skin irritation.
- Avoid skin contact.
- Wash hands thoroughly after use.
- Can cause eye irritation. Avoid eye contact. Wear safety goggles. In case of eye contact, immediately flush eyes thoroughly with clean water. Consult doctor if symptoms persist.
- Do not drink the water produced by this system.

**READ OPERATING INSTRUCTIONS BEFORE USING PRODUCT!**

**STORAGE:** Do not store resin in open or unlabeled containers. Store in a cool, dry place (15°F to 100°F).

**DISPOSAL:** Dispose of in accordance with applicable federal, state/provincial, and local regulations. All HydroPower Ultra units require the use of mixed bed ion exchange resin (commonly referred to as de-ionizing resin)

**HYDRO**  
**POWER**  
**ULTRA**

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**UNGER**®

**HYDRO**  
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**ULTRA**

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**QUICK-START**  
**GUIDE**





# System Overview



## System Setup

### 1. LOCATE JOBSITE WATER SUPPLY

Unger recommends testing the on-site water supply for TDS (total dissolved solids) prior to working. Higher TDS levels reduce the system's capacity.

- Inspect system – ensure Unger's Ultra Resin Packs are properly installed: the red Resin Pack is only used on a 3-stage unit and placed in the middle and bottom position. The green Resin Pack is used in all units and is placed in the top position. NOTE: The performance of HydroPower Ultra is optimized when used with Ultra Resin Packs. NEVER use loose resin as it may damage the system.
- Set up system in upright position.
- Choose a stable on-site location.

### 2. CONNECT WATERFED WASH POLE TUBING

- Attach waterfed wash pole hose onto Water OUT connection (fig. A).
- Ensure all on/off valves are in "OPEN" position when filling system.

### 3. CONNECT WATER SUPPLY (GARDEN HOSE) TO WATER IN CONNECTION

- Thread On/Off Valve to garden hose prior to connecting water supply (fig. B).
- Attach On/Off Valve directly onto Water IN connection at base of unit (fig. C).



### 4. TURN ON FEED WATER SUPPLY

- When water begins to flow out of the unit, turn on TDS meter and inspect pure water quality (fig. D). A reading of '0' is best and indicates the system is running properly. When the TDS meter reaches 10ppm or higher the resin should be replaced.
- Adjust flow at waterfed pole brush head by:
  - Tap water valve or,
  - Waterfed wash pole control (on/off) valve (if applicable).

## Resin Change

Unger's pre-measured replacement Ultra Resin Packs are designed to allow a controlled resin expansion within a designed safety limit.

### 1. SHUT OFF FEED WATER SUPPLY

- Depress yellow lever on system head assembly.
- Turn tap water valve to "OFF" position.
- Disconnect waterfed wash pole hose.

### 2. RELEASE SYSTEM HEAD ASSEMBLY

- While continuing to depress the yellow lever, use a counter-clockwise quarter-turn to release system head assembly; remove and set aside.
- Reach into housing and remove exhausted resin by hand; discard according to local regulations.
- Press yellow FastLock opening lever (fig. E) to remove pressure from the tank.
- Steady (or "Stabilize") the base unit with your feet, gently press the top cap down and use a counter-clockwise 1/8 turn to release top cap assembly; remove and set aside (fig. F).
- Open all valves to facilitate the removal of the Ultra Resin Packs.
- Reach into housing and remove exhausted Ultra Resin Pack(s) by hand with the rubber handle (fig. G); discard according to local regulation

### 3. REPLACE ULTRA RESIN PACKS

- Install new Ultra Resin Packs (fig. H) – be sure to seat the packs with rubber handle facing up. Pat down the pack by hand to ensure it is seated properly.

#### Small tank unit (UHP01):

green = 1x green Ultra Resin Pack  
(never use red Ultra Resin Pack in this unit!)

#### Large tank unit (UHP3C):

green = 1x green Ultra Resin Pack (top position)  
red = 2x red Ultra Resin Packs (middle + bottom position)

### 4. REINSTALL TOP CAP ASSEMBLY

- Press down gently, then turn the top cap 1/8 clockwise while steadying the base unit with your feet.

### 5. RECONNECT WATERFED POLE TUBING (fig. I)

- Turn "ON" water supply at tap (fig. J).
- Inspect system as it pressurizes.
- Keep discharge line open and hold down yellow lever to remove trapped air from system (fig. K).

### 6. TEST SYSTEM TDS (fig. L) The value should be at 000.

