



Quality Tools for Smart Cleaning™

nLITE HYDRO POWER™

Quick-Start Guide

System Overview

The nLite HydroPower™ – The Future of DI Systems... Today

FastLock™ Lever

TDS Meter

Quick Connect Adapter

Output Valve



Housing with
Rugged Outside
Appearance

FloWater™
Distribution Filter

QuickChange™
Resin Bag
(Packed inside unit)



System Inlet
Connection for
On/Off Valve



⚠ DANGER

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

When starting system:

- Check system for cracks.
- Be sure cover is in locked position.
- Do not exceed pressure of 115 psi (8Bar).
- Keep discharge line open and hold yellow lever down to remove trapped air from system.
- For use only with drinking water

Before servicing system:

- Shut off drinking water supply and open waterfed wash pole tubing discharge line.
- Disconnect water supply and allow tank to drain.

⚠ WARNING

Spilled resin is a slipping hazard.
Clean up spilled resin immediately.

⚠ CAUTION

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.

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

DISPOSAL: Dispose of in accordance with applicable federal, state/provincial, and local regulations.

All Hydro Power models require the use of mixed bed ion exchange resin (commonly referred to as de-ionizing resin).

This resin will require replacement and handling.

System Set Up

1 LOCATE JOBSITE WATER SUPPLY

Unger recommends testing the onsite water supply for both temperature and TDS (total dissolved solids) prior to working. Higher TDS levels reduce the DI systems capacity.

- Inspect system – ensure DI resin bag(s) are installed.
- Set up system in upright position.
- Choose a stable onsite location.

2 CONNECT WATER SUPPLY (GARDEN HOSE) TO SYSTEM INLET CONNECTION

- Quick connect fittings are supplied with the HydroPower system.
- Thread garden hose directly onto inlet connection on/off valve.

3 CONNECT WATERFED WASH POLE TUBING

- Install quick connect adapter to waterfed wash pole hose.
- Ensure all waterfed wash pole on/off valves are in "OPEN" position.

4 TURN FEED WATER SUPPLY "ON" SLOWLY

- Inspect system as it pressurizes and begins producing "purewater"
- Turn on TDS meter and inspect "purewater" quality. A reading of '0' is best and indicates the system is running properly (product water contains zero parts per million total dissolved solids).
- Adjust flow at waterfed wash pole brush head by:
 - On/Off Valve
 - Waterfed wash pole control (on/off) valve.



Replacing DI Resin

1 SHUT-OFF FEED WATER SUPPLY

- Disconnect waterfed wash pole tubing.
- Depress yellow lever on system head assembly.

2 RELEASE SYSTEM HEAD ASSEMBLY

- 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.

3 REPLACE RESIN

- Drop in new resin bag(s) by hand – be sure to seat bags with zip-tie facing up. Pat down bag by hand to ensure seated properly.
- Inspect system head assembly: O-ring and FloWater™ distribution filter are in good condition. Re-coat O-ring with silicone lubricant only.
- Re-install DI System head assembly, push down firmly, then quarter-turn clockwise.
- System is ready to be operated.

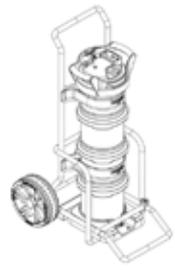
4 RECONNECT WATERFED WASH POLE TUBING

- Turn "ON" water supply.

5 TEST SYSTEM TDS



Specifications



Model	HP06T	HP12T/HP12C	HP24T/HP24C
DI Resin Capacity	6.0/0.21 cu. ft.	12.0/0.42 cu. ft.	24/0.84 cu. ft.
Qty. of HPB Resin Bags per system	1	2	4
Pure Water Production <small>(100 TDS Incoming; 0 TDS output)</small>	300 gal./1125l	600 gal./2250l	1200 gal./4500l
No. of Poles Rated for Use	1 pole	1-2 poles	1-2 poles
Power	Tap Pressure	Tap Pressure	Tap Pressure
Pump	NA	NA	NA
Working Hose Length	100 ft./30m plus	100 ft./30m plus	100 ft./30m plus
Working Height	3 to 5	5 to 6	5 to 6
Building Stories	tap: 60 psi/4 bar	tap: 60 psi/4 bar	tap: 60 psi/4 bar
Pure Water Flow	1.5 gpm/6 lpm	1.5 gpm/6 lpm	1.5 gpm/6 lpm
Gallons Per Day	1200 gal./4500l	1200 gal./4500l	1200 gal./4500l
System Capacity Before Service	300 gal./1125l	600 gal./2250l	1200 gal./4500l
System Components	DI Resin	DI Resin	DI Resin



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