UNGER

HYDROPOWER® ULTRA

HydroPower Ultra DI System Production Estimate

UHP01 - SINGLE STAGE		
Water Hardness*	Output in Gallons	Working Hours**
Soft	>500	>12.8
Medium	350 - 500	9.5 - 12.8
Hard	100 - 350	2.6 - 9.5
Very Hard	<100	<2.6

UHP3C - THREE STAGE		
Water Hardness*	Output in Gallons	Working Hours**
Soft	>1600	>41
Medium	1050 - 1600	10.25 – 28.2
Hard	350 - 1050	8.9 – 10.25
Very Hard	<350	<8.9

*Water Hardness: Soft (<100 TDS), Medium (100 – 250 TDS). Hard (250 – 400 TDS), Very Hard (>400 TDS).

**Working Hours: based on 39 gallons/hour. All values based on TDS of 10 as maximum for Pure Water quality.

Water Hardness

- **The amount of pure water the system can make before a resin change is needed varies depending upon your total TDS.**
- Water hardness is an important criterion for the production output of pure water between resin changes.
- Rule: the harder the water (more mineral content/higher TDS), the more filter capacity is needed resulting in higher resin consumption.
- Depending on the region, the different compositions of minerals in the water influence the effective output volume of pure water and resin consumption. The values given are guidelines – they will vary with different regional characteristics. In regions with softer water, less resin is needed for more pure water production than in hard water regions.