

## Gen HPR Hydropanel Installation Requirements Outline

### 1. Hydropanel General Installation Requirements

- a. Sunny mounting location – The SOURCE Hydropanel works best in full sun. Unobstructed sunlight required at least 5 hours per day. Avoid placing under shading objects such as trees, buildings, etc..
- b. 4 x 8 foot (1.2 x 1.8 meters) mounting area per Hydropanel.
- c. Minimum clearance of 1ft (30cm) in front of and behind the panels to allow access for service.
- d. Minimum 3 inches (8 cm) between hydropanels from side to side within an array.
- e. SOURCE Hydropanels must be installed at least 15 feet (5 meters) away from windows and should be positioned considering hydropanel sound with respect to living spaces.
- f. SOURCE Hydropanels must be level from side-to-side with a maximum deviation of 20mm.
- g. Hydropanel must be South Facing (180°) for locations in the Northern Hemisphere, or North facing (0°) for locations in the Southern Hemisphere.
- h. The installation surface must be level. For example, a flat roof, or level ground.

### 2. Ground Mount Requirements

- a. Ground locations should be firm, level, and evenly composed. The hydropanel can be placed on blocks, concrete, or mounted to lumber to provide a stable base to sit on.
- b. Consider factors like soil composition, and how to manage erosion or plant growth over time.
- c. Avoid installing the hydropanel where they may be wetted from irrigation sprinklers.
- d. Ensure the hydropanel is raised above the specified flood plain.
- e. Hydropanel should be anchored to the ground or sufficiently ballasted to prevent movement or damage from high winds.

### 3. Reservoir and Dispenser Installation Requirements

- a. The maximum plumbing distance from the hydropanels to the reservoir is 300 feet (90 meters). The standard installation kit contains (1) 100 foot (30 meters) roll of hose which usually covers most plumbing scenarios, however additional hose may be ordered if needed. The plumbing distance from hydropanels to the dispenser

location should be estimated while planning the install to ensure enough hose is provided.

b. The reservoir must be contained indoors, for example in a kitchen cabinet or closet near the dispenser.

c. The reservoir should be within 20 feet (6 meters) of the dispenser.

d. SOURCE install kit includes a stainless-steel faucet which can be mounted in a kitchen sink, or other flat surfaces.

e. Refrigerator with water dispenser may also be used for dispensing SOURCE water.

f. There must be sufficient space in the designated cabinet or closet to place the reservoir and filter cartridges.

g. Reservoir Options and Dimensions

| Model#  | Volume |         | Height |      | Diameter |      |
|---------|--------|---------|--------|------|----------|------|
|         | Liters | Gallons | CM     | Inch | CM       | Inch |
| RO-132  | 18     | 4.5     | 36.8   | 14.7 | 17.9     | 11.2 |
| RO-2000 | 80     | 20      | 79     | 31.6 | 38.9     | 15.5 |
| TP-150  | 150    | 40      | 106.5  | 41.9 | 43       | 16.9 |