

## The Green, Reusable, Portable Potable Water System

“Ensuring **uninterrupted** provision of **safe drinking water** is the **most important** preventive measure to be implemented following a natural disaster. Settlement planning must provide for adequate access for water and sanitation needs... ” -WHO

<div> <div>Daily</div> <div>Water Needs</div> <div>FEMA</div> <div>CDC</div> </div>	Humans need 0.8g of water/day -WHO
	Dogs & cats – 0.3g/day

## Each Fontana will store 344 daily servings of clean potable water

Fact #1. 80% of all single-use water bottles in the U.S. simply become "litter." Source: ValleyWater.org

Fact #2. 2 million tons of discarded water bottles in U.S. landfills. Source: idswater.org

## Fontana 275 Replace 2082 bottles of water

### Design:

- Capacity: 275 US gallons
- Dimensions: 48"x 48"x 46" – Fits on a standard pallet
- Construction: Patented, eight-ply durable corrugated cardboard
- Reusable and Recyclable materials
- Durable and tested: Industry standard for shipping bulk liquids by air, rail, and sea

### In the Field:

- No forklift or heavy equipment needed to build, fill and deploy
  - 1 Fontana can be assembled and filled\* by 2 workers in 3 minutes
  - 1 Fontana easily transports on a standard pickup
- Reduce material waste, labor, cleanup, shipping cost and carbon footprint
  - Collapses to minimize shipping and storage footprint
  - Replaceable bladder eliminates the need for costly chemicals, cleaners, sanitation processes and certification
  - 1 Fontana box can be reused more than a dozen times.\*\*
- Maximizes flexibility
  - A Fontana easily fits in a pickup truck to serve those in need
- Universal CAMLOC dispensing valves make distribution easy



### A Fontana Kit includes:

- One eight-ply box and cap
- Two factory-sealed, food-grade 275-gallon bladders which include a 2" resealable fill cap and a 3-valve dispense system
- A protective, plastic shroud to cover The Fontana
- Four Velcro straps to secure box to the standard plastic pallet
- 10' Potable dispensing hose

### Shipping:

- Save money on shipping and storage
  - The Fontana ships in a compact, efficient configuration
  - 16 collapsed Fontanas stack on a double length pallet totaling a 5280-gallon capacity
    - 96 collapsed Fontanas fit one tractor-trailer totaling a 31,600 gallons capacity.
      - It would take over 5.5 tractor trailers of palletized bottled water to deliver the same gallon capacity.
    - 96 collapsed Fontanas weigh roughly 9000lbs while 26,000 gallons of palletized water weighs over 278,000lbs
- 2 workers can prep and place 1 Fontana onto a pickup truck, and fill it within minutes without heavy equipment.
  - To transport 275 gallons of palletized bottled water, you would need a forklift and 2 pickup trucks.



### Storage and Reuse:

- The Fontana's unique design make it easy to collapse after usage for restoring
- A Fontana can be reused over a dozen times\*\* due to the rugged eight-ply corrugated walls
- The Fontana's small storage footprint allows efficient storage of collapsed units in vulnerable areas
  - No need to pre-position or stock bottled water which may time-out due to a fading shelf-life.
- At the end of its usable life the Fontana and bladder can be recycled or repurposed



\*\* Based on care and storage conditions \*Based on water pressure

The Fontana