

Reaction Housing System: The responsible solution

The Reaction Housing System is a rapid response, emergency housing system. The Reaction system can scale its response from a single family to the needs of an entire region whose population has been displaced on demand. The core system components are flat packed to provide the most efficient storage and transportation options available today while allowing rapid setup without the need for tools or machinery.

Reaction Overview

The System

The Reaction system is designed to be flexible, reusable, and inexpensive. Reaction primarily consists of shelter units, accessories, and supporting infrastructure that can all be rapidly transported in mass, via conventional means, to any location in the world.

Exo Shelter Units

At the core of the system are the Exo shelter units with estimated manufacturing costs of \$5000.00 or less per unit. The Exos are transported in two pieces to and from deployment sites – a base floor plate and an upper shell. The upper shells contain secure sleeping arrangements for a family of four in fold out, bunk style bedding. Each Exo is climate controlled and provides enough electrical outlets to recharge cell phones and power TVs, laptops, or radios.

There are no mechanical systems in the Exo shelter units, meaning that they require little to no maintenance during storage or deployment. This along with their rugged design makes their cost of ownership extremely low over time.

Green Design

The Reaction Housing System is designed to be completely reusable. After a deployment components are cleaned, packed, and moved back to their long term storage facilities. Components such as the Exos are smartly designed with aluminum and composite materials that are lightweight, strong, nontoxic, and fully recyclable. Reaction is the responsible solution.

Quick Facts

1. The flat packed design allows for the shelters to be transported via road, rail, water or even air.
2. Over twenty Exo shelter units can be transported on a single semi truck trailer, over existing interstate roadways, without a wide load designation.
3. Each shelter unit can be setup in under two minutes once it arrives on location without the use of heavy machinery.
4. The Exo shelter units are so lightweight that as few as 3 to 4 people can physically lift and position them at a deployment site.
5. Shelter units can also be interlinked together to form larger living spaces or be arranged in tight clusters called pods to keep neighbors and communities together in mass deployment situations.

Contact

PRESS & MEDIA

Sara Munday
frog design inc.
Tel. +1 650-391-1484
Mob. +1 650-387-2061
sara.munday@frogdesign.com

BUSINESS INQUIRIES

Dean Kakridas
frog design inc.
Tel. +1 512-531-3801
Mob. +1 512-484-9093
Fax +1 512-477-3792
dean.kakridas@frogdesign.com

www.frogdesign.com

www.reactionhousingsystem.com