

Component	Description
<b>Box</b>	 <p>Engineered reinforced 0.08" sheet aluminum box, 120 x 39 x 5.5 inches (3.05 x 1 x 0.14 m), 85 pounds (38.5 kg), TIG welded and riveted, PVC standpipe and drain fixture</p>
<b>Supports</b>	 <p>Two folding aluminum supports, about 16 pounds (7.25 kg) each. Or upgrade to the single or dual box tilt.</p>
<b>Reservoir</b>	 <p>Two 27 gal. (110 L) polypropylene reservoirs, graduated, with supports on downstream reservoir for sediment filter</p>
<b>Pump</b>	 <p>Sealed 500 gph (1,892 lph) 12-volt submersible pump, with intake filter</p>

**Upstream Inlet Pipe  
and Energy Dissipater  
Unit**



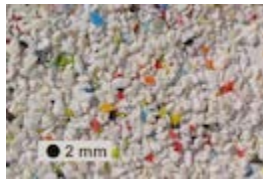
Water flows from upstream reservoir through Inlet Pipe to the acrylic Energy Dissipater Unit (EDU)

**Power Supply**



12-volt power supply with Ground Fault Circuit Interrupter, input standard 115-volt, 60Hz. Export models shipped with appropriate CE-approved power supply and connectors.

**Modeling Media**



240 pounds (109 kg) ground thermoset plastic sand, specially manufactured with proprietary mix of size and color. Or upgrade to color-coded-by-size media.

**Crayfish Electronic  
Flow Controller**



One-knob electronic pump controller. Or upgrade to the Emriver Alix Digital Flow Controller.

**Modeling Accessories**



Concentrated blue and green dye with injection bottles for flow visualization



Brightly colored plastic riprap



Acrylic shapes for bridge culverts, piers and other flow obstructions



Quartz riprap stones



Simulated riparian vegetation

**Sediment Handling**



Two scrapers for moving and shaping media



Two large scoops: one perforated and one non-perforated

## Measurement Tools



Measuring tape for long profile surveys

## Support

### Emriver Em3 Geomodel Use and Care Manual



Little River Research  
& Design

1011 East Main Street  
Canton, MS 39046-1000  
Tel: 662.833.1000  
www.lrrr.com



Comprehensive use and maintenance manual and the Laboratory manual, a guide to teaching and demonstrating with the Em3. Full parts and supplies support. River geomorphology DVD.