



# GLOBAL WATER GROUP

DALLAS, TEXAS U.S.A.

MANUFACTURER OF THE WORLD'S BEST  
WATER PURIFICATION AND WASTE WATER EQUIPMENT

## Emergency & Disaster Relief Water Purification Equipment





# FOR SMALL VILLAGES THROUGHOUT THE WORLD

RE: Request for Proposals for Equipment, Supplies, Operations and Maintenance for providing small villages with water purification equipment from Global Water.

The following is a brief synopsis of Global Water's proposal for providing potable water for various size villages and various levels of water purification production. The objective is to provide equipment that can be easily transported either motorized or by hand to remote and mountainous regions. The water sources are fresh water from rivers, lakes, streams, ponds, wells, or semi-municipal types of systems.

First of all, Global can meet all of the requirements as specified for the provision of potable water at every type of venue.

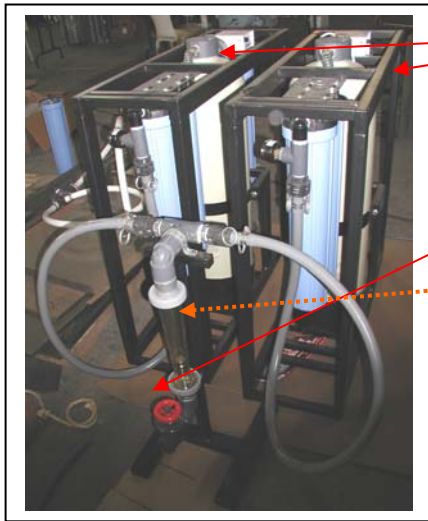
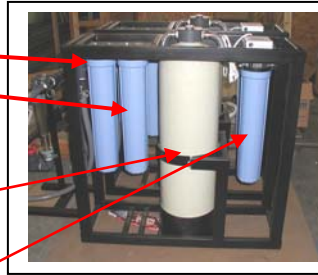
Second, Global's experience with providing water purification equipment for U.S. Special Operations of the U.S. Military (Special Forces, Army, Air Force, Marines, Delta Force, etc.) gives our company a unique advantage in understanding these situations. We have specialized for over fourteen years in all types of water purification from backpacks to large trailered systems or even municipal systems. We have dealt with refugee camps or small emergency units or home use.



# MULTIPLE GLOBAL-LS3-VILLAGE-200E'S

The basic GLOBAL LS3-VILLAGE SYSTEM has three elements:

1. Filters for parasites:
  - (a) 5-Micron Filter
  - (b) 1-Micron Filter
2. Global's Multi-Media Pod for removal of hazardous chemicals.
3. Ultra-Violet Lamp to kill bacteria and viruses.

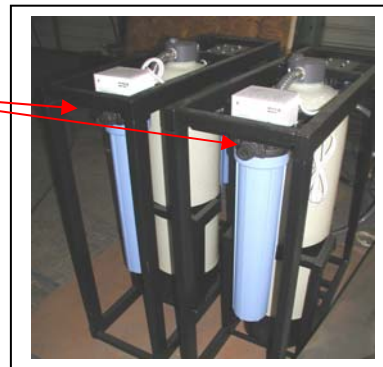


**In this example, there are two of these units working in tandem. Each unit will process 10 gallons per minute (GPM). They are coupled at one end. 20 GPM total**

The water inlet pipe is to be connected to this end and the shore pressure from the city water will push the water through the system.

There is a valve to both restrict water flow and to turn off the water when you need to change filters.

From the other end of the units, the water flows out of the UV components.



## **MULTIPLE SIZE CONFIGURATIONS**

**Two Units = 20 GPM ( 75.6 L/min)**

**Three Units = 30 GPM (113.4 L/min)**

**Four Units = 40 GPM (151.2 L/min)**

# DISASTER RELIEF – FRESH WATER EMERGENCY WATER PURIFICATION EQUIPMENT

Product Code	Basic Unit Description	Power
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## EM (Emergency) SERIES

<b>EM-60GPH-HP</b>	Produces 60 to 90 gallons per hour of Purified Water (25 lbs)	Hand Pump for water processing. 110V needed for Ultra-Violet*
<b>EM-60GPH-HPB</b>	Produces 60 to 90 gallons per hour of Purified Water. (35 lbs)	Hand Pump for water processing. With (up to) 200 hour Battery for Ultra-Violet.
<b>EM-60GPH-BAT</b>	Produces 60 to 90 gallons per hour of Purified Water (45 lbs)	Battery operated Motor/Pump (12V, 9 amps) for water processing and for UV. Battery would last about 1 ½ hours before re-charging**

## EM – 4-POD SERIES

<b>EM-4-POD-PWR</b>	Produces 120 gallons per hour (2 GPM) of Purified Water (40 lbs)	A/C System. Electric Motor (110V*) for water processing. 1-Micron for removal of parasites; Global’s proprietary media housing for removal of hazardous chemicals; and Ultra-Violet (UV) for killing bacteria and viruses.
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## VILLAGE SERIES

<b>LS3-VILLAGE-200C</b>	Produces 180 to 200 gallons per hour of Purified Water (90 lbs)	110V/220V Option 60 Hz or 50Hz Minimal controls (on/off) designed for emergencies or in-line shore pressure.
<b>LS3-VILLAGE-200D</b>	Produces 360 gallons per hour of Purified Water. (110 lbs)	110V/220V Option 60 Hz or 50Hz Minimal controls (on/off) designed for emergencies or in-line shore pressure.
<b>LS3-VILLAGE-200E</b>	Produces 600 gallons per hour of Purified Water (130 lbs)	110V/220V Option 60 Hz or 50Hz Minimal controls (on/off) designed for emergencies or in-line shore pressure.
<b>LS3-VILLAGE-200E-VFD</b>	Produces 10 GPM, 600 GPH, 14,400 GPD of Purified Water (150 lbs)	110V/220V/240V 60 Hz or 50Hz with VFD (Variable Frequency Drive); Self-cleaning UV; Auto Chlorinator.

## LS3-M15000 (Trailer)

<b>LS3-M15000 (Trailer)</b>	Produces 20,000 gallons per day (800 GPH) of Purified Water (Trailer mounted platform)	Trailer mounted platform. Gas Generator or Diesel option for water processing. 1-Micron for removal of parasites; Global’s proprietary media housing for removal of hazardous chemicals; and Ultra-Violet (UV) for killing bacteria and viruses.
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# MOBILE DESALINATION

## EQUIPMENT for processing fresh water, brackish water or seawater up to 50,000 ppm.

<p><b>LS3-DESAL-M25GPH</b> (Carrying case)</p>	<p>Produces 25 gallons per hour (.4 GPM) of Purified Water</p>	<p>Compact mobile carrying cases or platform mounted. Salt rejection 98.5% with TDS 50,000 ppm. RO processing for salt removal and/or additional purification with Global's fresh water process of 1-Micron for removal of parasites; Global's proprietary media housing for removal of hazardous chemicals; and Ultra-Violet (UV) for killing bacteria and viruses.</p>
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<p><b>LS3-DESAL-M75GPH</b> (Carrying case)</p>	<p>Produces 75 gallons per hour (1.25 GPM) of Purified Water</p>	<p>Compact mobile carrying cases or platform mounted. Salt rejection 98.5% with TDS 50,000 ppm. RO processing for salt removal and/or additional purification with Global's fresh water process of 1-Micron for removal of parasites; Global's proprietary media housing for removal of hazardous chemicals; and Ultra-Violet (UV) for killing bacteria and viruses.</p>
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<p><b>LS3-DESAL-M300GPH</b> (Trailer option)</p>	<p>Produces 300 gallons per hour (5 GPM) of Purified Water from seawater or 300 to 720 GPH (5 to 12 GPM) from fresh water.</p>	<p>AAR container, platform mounted or trailer mounted. Salt rejection 98.5% with TDS 50,000 ppm. RO processing for salt removal and/or additional purification with Global's fresh water process of 1-Micron for removal of parasites; Global's proprietary media housing for removal of hazardous chemicals; and Ultra-Violet (UV) for killing bacteria and viruses.</p>
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<p><b>LS3-DESAL-M600GPH</b> (Trailer option)</p>	<p>Produces 600 gallons per hour (10 GPM) of Purified Water from seawater or 600 to 1400 GPH (10 to 23 GPM) from fresh water. (Trailer mounted platform)</p>	<p>AAR container, platform mounted or trailer mounted. Diesel Generator. Salt rejection 98.5% with TDS 50,000 ppm. RO processing for salt removal and/or additional purification with Global's fresh water process of 1-Micron for removal of parasites; Global's proprietary media housing for removal of hazardous chemicals; and Ultra-Violet (UV) for killing bacteria and viruses.</p>
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