



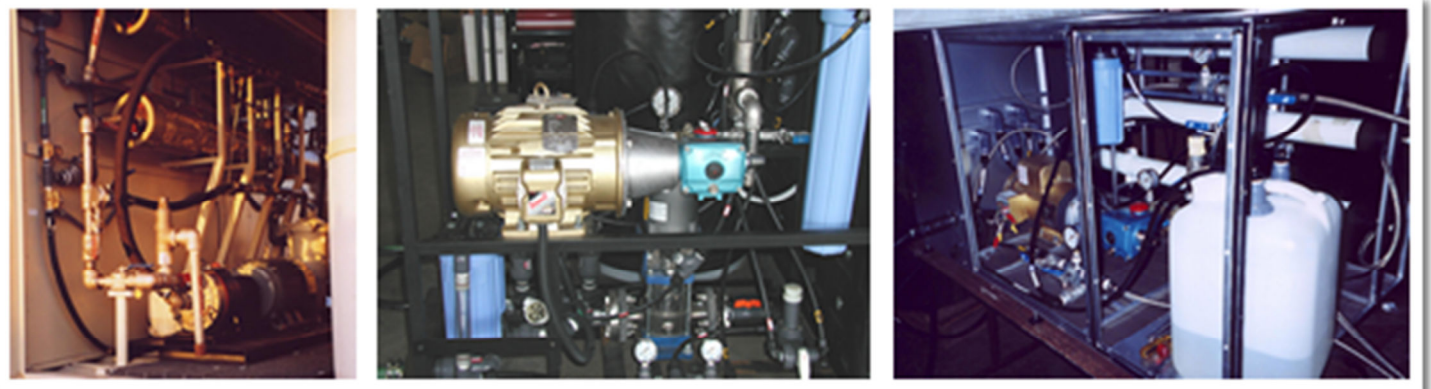
***Global Water Group, Inc.***

***DALLAS, TEXAS U.S.A.***

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

# Desalination From Brackish to Seawater

**Salt Removal with RO, Potability with LS3 Processing**



# GLOBAL'S DESAL SERIES

- **Mobile** to make it easily transportable by land, air or sea... or...
- **Fixed Base** on platforms for encampments, permanent facilities, municipal use or industry.
- **Self-contained power source** or compatible to local power 110V-480V 60 Hz or 220V – 380V 50 Hz.
- **Submersible or suction feed pumps** to meet the needs.
- **Modules for optimum efficiency** to network up at any municipal size.
- **Modularization** provides for faster manufacturing and installation, easier access, easier and less costly maintenance.
- **Meets or exceeds US-EPA, U.S. ANSI, EU and W.H.O. potable water standards.**
- **GLOBAL'S SYSTEM DESIGN AND INTEGRATION OF COMPONENTS**

## 1. Global's LS3 Fresh Water Component for its Water Purification Process

- a.) Through filtration it captures **parasites**, like *Giardia*, *Cryptosporidium* or *amoebae*.
- b.) Through its proprietary multi-media filtration pod it captures **hazardous metals**: like lead or mercury; **toxic chemicals, insecticides, pesticides, radon, chlorine, bad taste and odor.**
- c.) Utilizing ultra-violet, it kills all **bacteria and viruses.**

## 2. Global's RO Component for its Salt Water Purification Process

Removes salt up to 45,000 ppm (50,000 ppm for military systems). Options to 60,000 ppm.

## Global Water's MILITARY DESAL SERIES uniquely have four modes of operation.

**Mode 1 – RO & LS3:** Sea water is processed first through the RO component (to remove the salt – TDS) and then through the LS3 component to provide the highest quality drinking water from the worst of possible sources.

**Mode 2 – LS3 only:** For fresh water, we process only through the LS3 component. This process provides high quality drinking water through a simple to operate, low maintenance, field tested system, requiring no backwashing, no chemicals and no waste.

**Mode 3 – RO only:** Any water, fresh or seawater, is processed solely through the RO. This process provides acceptable drinking water.

**Mode 4 – both RO & LS3 simultaneously:** Fresh water is processed directly by both the LS3 and the RO components of the system simultaneously. This process provides double the capacity output of potable water.



# Desalination Platforms

| <b>MODEL #</b>  | <b>M3/DAY</b> | <b>LITERS/HR</b> | <b>L/MIN</b> | <b>GPD</b> | <b>GPH</b> | <b>GPM</b> |
|-----------------|---------------|------------------|--------------|------------|------------|------------|
| LS3-.06K-Desal  | 2.27          | 95               | 1.6          | 600        | 25         | 0.4        |
| LS3-1.0K-Desal  | 3.78          | 158              | 2.6          | 1,000      | 42         | 0.7        |
| LS3-1.5K-Desal  | 5.67          | 236              | 3.9          | 1,500      | 63         | 1          |
| LS3-2.5K-Desal  | 9.45          | 394              | 6.6          | 2,500      | 104        | 1.7        |
| LS3-3.0K-Desal  | 11.34         | 473              | 7.9          | 3,000      | 125        | 2.1        |
| LS3-6.0K-Desal  | 22.68         | 945              | 15.8         | 6,000      | 250        | 4.2        |
| LS3-7.2K-Desal  | 27.22         | 1,134            | 18.9         | 7,200      | 300        | 5          |
| LS3-14.4K-Desal | 54.43         | 2,268            | 37.8         | 14,400     | 600        | 10         |
| LS3-21.6K-Desal | 81.65         | 3,402            | 56.7         | 21,600     | 900        | 15         |
| LS3-28.8K-Desal | 108.86        | 4,536            | 75.6         | 28,800     | 1,200      | 20         |
| LS3-50.4K-Desal | 190.51        | 7,938            | 132.3        | 50,400     | 2,100      | 35         |
| LS3- 72K-Desal  | 272.16        | 11,340           | 189          | 72,000     | 3,000      | 50         |
| LS3-100K-Desal  | 378           | 15,750           | 262.5        | 100,000    | 4,167      | 69.4       |
| LS3-125K-Desal  | 472.5         | 19,688           | 328.1        | 125,000    | 5,208      | 86.8       |
| LS3-144K-Desal  | 544.32        | 22,680           | 378          | 144,000    | 6,000      | 100        |
| LS3-150K-Desal  | 567           | 23,625           | 393.8        | 150,000    | 6,250      | 104.2      |
| LS3-175K-Desal  | 661.5         | 27,563           | 459.4        | 175,000    | 7,292      | 121.5      |
| LS3-200K-Desal  | 756           | 31,500           | 525          | 200,000    | 8,333      | 138.9      |
| LS3-225K-Desal  | 850.5         | 35,438           | 590.6        | 225,000    | 9,375      | 156.3      |
| LS3-250K-Desal  | 945           | 39,375           | 656.3        | 250,000    | 10,417     | 173.6      |
| LS3-264K-Desal  | 1,000.00      | 41,667           | 694.4        | 264,550    | 11,023     | 183.7      |

## Basic Systems:

Platform Based  
 Up to 45,000 ppm  
 SS high pressure  
 Premium membranes  
 Ultra Violet process  
 Manuals & Video  
 1 - Year Warranty

## Options:

Auto Cleaning System  
 Up to 60,000 ppm  
 Housings  
 Mobility  
 On-Site Training  
 On-Site Assembly  
 3 - Year Warranty

# Brackish Water Platforms

| MODEL#       | M3/DAY   | LITERS/HR | L/MIN | GPD     | GPH    | GPM   |
|--------------|----------|-----------|-------|---------|--------|-------|
| LS3-.06K-BRA | 2.27     | 95        | 1.6   | 600     | 25     | 0.4   |
| LS3-1.0K-BRA | 3.78     | 158       | 2.6   | 1,000   | 42     | 0.7   |
| LS3-1.5K-BRA | 5.67     | 236       | 3.9   | 1,500   | 63     | 1     |
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| LS3-3.0K-BRA | 11.34    | 473       | 7.9   | 3,000   | 125    | 2.1   |
| LS3-6.0K-BRA | 22.38    | 945       | 15.8  | 6,000   | 250    | 4.2   |
| LS3-7.2K-BRA | 27.22    | 1,134     | 18.9  | 7,200   | 300    | 5     |
| LS3-14K-BRA  | 54.43    | 2,268     | 37.8  | 14,400  | 600    | 10    |
| LS3-21K-BRA  | 81.65    | 3,402     | 56.7  | 21,600  | 900    | 15    |
| LS3-28K-BRA  | 108.86   | 4,536     | 75.6  | 28,800  | 1,200  | 20    |
| LS3-50K-BRA  | 190.51   | 7,938     | 132.3 | 50,400  | 2,100  | 35    |
| LS3-72K-BRA  | 272.16   | 11,340    | 189   | 72,000  | 3,000  | 50    |
| LS3-100K-BRA | 378      | 15,750    | 262.5 | 100,000 | 4,167  | 69.4  |
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## Basic Systems:

Platform Based  
 Up to 10,000 ppm  
 Premium membranes  
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 1 - Year Warranty

## Options:

Auto Cleaning System  
 Housings  
 Mobility  
 On-Site Training  
 3 - Year Warranty

# The Building Begins



The building of a LS3- Mobile Desal begins



It's on the road and ready to go to work



A real look inside



**Mobile, Military  
LS3-DESAL-M75GPH**

**Mobile, Military LS3-DESAL-M75GPH**

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