



DEPLOYMENT SYSTEM

SR2007B

NSN# TO BE ASSIGNED

CHARLIE'S HORSE REVERSE OSMOSIS WATER PURIFICATION MODULE



NOTE: MERF MODULES AND CHARLIE'S HORSE PRODUCTS CAN BE PURCHASED INDIVIDUALLY OR COLLECTIVELY TO HELP AUGMENT OR EXPAND YOUR EXISTING CAPABILITIES

PATENTS 6,142,491 / 6,164,671 / 6,270,092 / 6,561,529 / 7,017,939 / 7,150,465 / 7,392,994

REVERSE OSMOSIS **WATER PURIFICATION SYSTEM**

SR2007B, a 2,500 GPD, diesel powered, stand-alone Reverse Osmosis Water Purification System (ROWPS)

Multi-Purpose ROWPS - Multi-purpose Reverse Osmosis Water Purification System for use on fresh, brackish or sea water.

High Output to Size - Highly compact and portable, produce 1.75 GPM |105 GPH |2,520 GPD of potable water.

Diesel Power - No outside electricity, gravity or chemicals required. A complete stand-alone system.

NSF/ANSI Certified - NSF/ANSI 53 certified 1 micron absolute filtration, NSF/ANSI 55 certified UV disinfection system.

High Efficacy - Eliminates a wide spectrum of bacteriological and chemical contaminants.

Extensive Safeguards - Low UV lamp auto shut down, permeate bypass if max TDS levels are exceeded and more.

Easy to use and deploy - Highly portable without vehicular support, deployable and operable by just one individual.

Reliable and Field Ready - No on-site technical support required to setup or operate. Sets up in less than 30 minutes.

SR2007B generates its own electrical requirements and needs nothing more than diesel fuel to operate.

The SR2007B uses a patent pending design incorporating micro-filtration, reverse osmosis and UV disinfection eliminating a wide spectrum of micro-organisms, cysts, virus and bacteria while significantly reducing contaminants such as Mercury, PCBs, DDT, Arsenic, Lead, Pesticides and Sodium. The SR2007B includes a 1.75 GPM* ROWPS, NSF/ANSI 53 certified micro-filtration system, NSF/ANSI 55 UV disinfection system, diesel power plant, on board fuel tank, food grade hose package and detailed spares kit.

***Requires minimum supply of 8 GPM @ 10 PSI feed water. Choose optional diesel powered portable pump or SR2007A for easy integration. *Flow rate based on feed water temperature of 18 Degrees C, 35,000 ppm sea water feed. Flow rates may decrease with a reduction in feed water temperature or increase with a decrease in ppm.**

Add SR2007A before SR2007B for increased pre-filtration when expecting significant organics, sediment or turbidity.

Add SR2007C after SR2007B for storage and distribution infrastructure.