

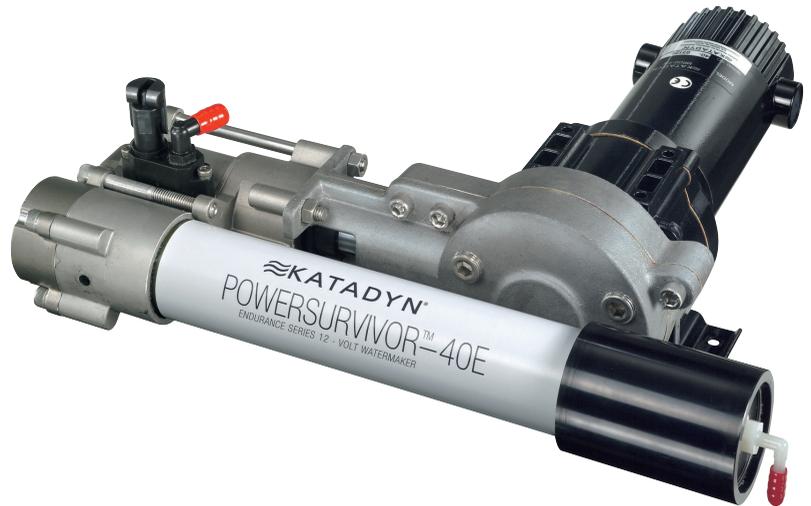
# Katadyn PowerSurvivor 40E



Affordable and reliable, the Katadyn PowerSurvivor 40E allows cruisers to go further and stay longer, without worrying about having enough water or taking on suspect water. With its unmatched efficiency and simplicity, the 40E is a high-end system for even the most budget-conscious cruiser.

Power Requirements	12-volts DC (draws 4 amps)
Water Production	1.5 gallons (6l)/hour (+/- 15%)
Weight	25 lbs (11 kg)
Dimensions (Pump)	Height: 6.75" (17 cm) Length: 16.5" (42 cm) Width: 15.5" (39 cm)
Pre-treatment Module	Length: 12" (30 cm)
Diameter	6" (15 cm)
Feedwater Flow Rate	20 gallons (76 l)/hour
Salt Rejection	98.4% average (96% min)

## The World's Smallest Electric Watermaker



### **Simplicity**

The Katadyn PowerSurvivor 40E contains 40% fewer parts than its popular predecessor. Simplified construction and rugged design make the 40E remarkably easy to install, operate and maintain.

### **Compactness**

Extraordinarily compact, the 40E can be installed in the nooks and crannies otherwise unusable in many yachts. It is also the lightest weight watermaker available.

### **Efficiency**

No watermaker draws so few amps. Using only 4 amps, the 40E can run for extended periods of time on alternative power alone.

### **Reliability**

The heart of the 40E is the rugged 316 stainless steel high pressure pump. Armed for the rigors of the marine environment, this rock-solid watermaker is built to last.

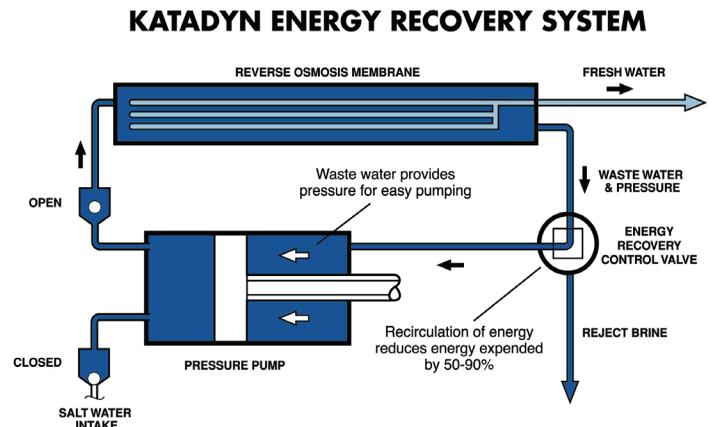
### **Emergency Use**

The 40E is the only watermaker that converts to manual operation in the event of a power shortage.

# Recovery System

Reverse osmosis desalination is simple in concept: squeeze salt water through a semi-permeable membrane fine enough to remove the salt, other minerals and contaminants. Unfortunately, that membrane must be so fine that the filtering process requires enormous pressure (typically, 800 psi) to push the fresh water through; developing that pressure uses a lot of energy.

Katadyn PowerSurvivors improve this process by capturing some of that energy and reusing it instead of sending the remainder to overboard discharge as other watermakers do. We use a patented high-pressure energy recovery pump: the "waste" pressure is redirected, creating energy to balance the force on the piston's front side. This reduces the energy expenditure and allows the use of 12-volt motors at low amperage. The result is that Katadyn produces some of the world's most energy-efficient watermakers.



# Special Kits

To help owners keep their Katadyn systems running optimally, we have several standard maintenance and repair kits.



## Silt-Reduction Kit

Protects pump and membrane from excessive exposure to silt and other suspended particulates. For use in such places as glacier bays, inland waterways, brackish waters or shallow waters where the bottom may be agitated. Kit contains 1-amp 12V Booster Pump, 2.5-micron Pre-Filters and all fittings.



## Extended Cruise Kit

Includes items needed for regular care and periodic maintenance and/or storage. This kit contains one bottle of Acid Cleaner, two of Alkaline Cleaner, six 30-micron Pre-filters and one Repair Seal Kit.



## Preventative Maintenance Package

Includes the contents of both the Silt Reduction and Extended Cruise Kits. We recommend this package for long voyages and for those who commonly face variable water conditions.