

## OP-6 RECOMMENDED SPARE PARTS

HOW YOU USE YOUR WATERMAKER and WHERE YOU ARE GOING are important factors in choosing what spare parts to carry.

All vessels will need the following CONSUMABLES:

1. PREFILTERS: At least one spare of each prefilter used on your watermaker. Vessels on extended cruises should carry at least three of each depending on the duration and destination of the journey. You should plan to replace each element monthly in northern climates and more frequently in the tropics. Operation in estuaries and coastal waterways will also require more frequent replacement. Filters are available individually or in our Basic Cruise Kits.
2. STORAGE CHEMICAL: Whenever the vessel will be unattended or in long term lay-up the membrane should be “pickled” with our SC-1 Storage Chemical or Propylene Glycol Potable water antifreeze. The Basic Cruise Kit also includes 2 cans of SC -1 Storage Chemical.
3. CHARCOAL FILTERS: Charcoal filters will not get dirty in normal use but will lose their effectiveness after six months and must be regularly replaced to protect the RO membrane from chlorine in the flush water.

VESSELS ON LONG TERM CRUISES, traveling to areas where alternative sources of water are not available, or where shipping is very difficult (Mexico and Turkey for example), should carry these additional SPARE PARTS AND TOOLS:

1. FEED PUMP HEAD: One replacement pump head for 150, 200, 300, 400, 700, & 1000 models. 380c and Cape Horn models should carry two pump heads.
2. OFFSHORE KIT: The Offshore Kit includes all the tools, parts, and instructions required to completely rebuild the Clark Pump, Plus the SC -2 and SC-3 chemicals used for membrane cleaning.
3. HAND HELD SALINITY METER: This is an essential diagnostic tool should problems arise in the operation of the watermaker or its automatic controls.
4. MPC-3000 SOFTWARE: If your watermaker is equipped with an MPC-3000 automated control you should download the free programming software and instructions from our website to your laptop computer. This will allow you to make changes to the operating parameters and aid in diagnosing any problems which might develop. If fully auto operation is essential to you consult the factory for assistance in selecting control system spares. MPC 5000 boards can be programmed from the display and do not need PC based programming software.

## OP-6 RECOMMENDED SPARES (CONT)

### PART NUMBERS

5 Micron Filter Element	FT-FTC-5
20 Micron Filter Element	FT-FTC-20
50 Micron Filter Element	FT-FTC-50
Charcoal Micron Filter Element	FT-FTC-CC
5" Sea Strainer Screen	FT-STN-5S
6" Sea Strainer Screen	FT-STN-6S
Basic Cruise Kit A: For units with only one prefilter housing. Includes six 5 micron filters & two cans of SC-1 Storage Chemical.	KIT-BCK-A
Basic Cruise Kit B: For units with twin filter element housings. Three 5 micron elements, Three 20 micron elements & two cans of SC-1 Storage Chemical	KIT-BCK-B
Basic Cruise Kit C: For Catalina 300 and Newport Model 400, 700 & 1000 Watermakers Three 5 micron elements, Three 20 micron elements, three fifty micron elements and 2 cans of SC-1 Storage Chemical. .	KIT-BCK-C
Offshore Kit	KIT-OFFSH
Hand Held Salinity Tester	KIT-HHM
Feed Pump Head for Newport 1000 & 700	PL-PMP-240250E
Feed Pump Head for Newport 400	PL-PMP-140175E
Feed Pump Head for Newport 400 Mag drive	PL-PMP-140MAG
Feed Pump Head for Catalina 300	PL-PMP-110MAG
Feed Pump Head for 150, 200C, 380C, 1300	PL-PMP-SFPH
Stroke Sensor (if equipped)	EL-MPC-SC1.5
Salinity Probe (if equipped)	EL-MPC-SP or EL-MPC-SP4
Spare MPC Cable	EL-MPC-CBL25

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