

**Dock-Mate™**  
**Wash-Down & Fill**  
**Systems**

**Model: DM- 1003**

**OWNERS**  
**AND**  
**OPERATIONS**  
**MANUAL**



**YACHT-MATE PRODUCTS, INC.**  
**3200 S. Andrews Ave #105**  
**FT. LAUDERDALE, FL 33316**  
**954-527-0112**

DMOM: 0514REV

## UNPACKING YOUR DOCK-MATE SYSTEM

Much care has gone into the production, testing and packaging of your new Dock-Mate Unit. Please inspect the system to ascertain that none of the components were damaged during shipment.

Any damage to the system must be reported within three (3) days of delivery. Your distributor will assist you in filing any required freight claims with the carrier.

Review of the list of components below to be checked against the contents of the packaging upon opening and inspection. Please report any inconsistencies to our vendor within the allowed three days of delivery. We strive to ensure every system is checked and double checked. Nevertheless, we stand ready to assist you if you find any problems with our packaging procedures.

We hope you enjoy the use of your Dock-Mate system for many years to come.



1. Softener – black tank with in/out valve & hose connection
2. Capacity chart & Manual not shown
3. Feed Water Inlet top right
4. Treated Water Outlet top left
5. Test Kit
6. Reusable Salt Cartridge(inside housing)
7. Recharge Housing with .5 gpm flow restrictor & hose fittings (not to be used as pre filter)
8. 2 ft hose for recharge housing
9. 4ft hose for system
10. Manual water meter up to 1200 gal.

**START UP: ATTACH METER TO HOSE BIB THEN ATTACH 4FT HOSE TO METER & INLET ON TOP RIGHT ATTACH YOUR HOSE TO OUTLET TURN WATER ON SLOWLY TO FULL PRESSURE AND RINSE OFF COLOR (FOOD GRADE DYE) AND PURGE AIR UNTIL ALL COLOR TURNS CLEAR AND NO AIR BUBBLES ARE PRESENT APPROXIMATELY 5-10 MINTUES THEN YOU ARE READY FOR USE. TEST DOCK WATER AND CHECK CAPACITY CHART FOR AMOUNT TO BE SOFTENED SET METER TO THAT AMOUNT (UP TO 1200 GALLONS) MAY HAVE TO SET 2 TIMES**

TO GET COMPLETE CAPACITY.

**GENERAL OPERATING INSTRUCTIONS**

⇒ USE SUPPLIED 4' HOSE TO CONNECT TO THE AVAILABLE WATER SUPPLY. AFTER METER CONNECT TO INLET ON THE DOCK-MATE IS ON THE TOP RIGHT (#3). THE OUTLET IS THE LOCATED ON THE TOP LEFT OF THE UNIT (#4).

!!!NOTE!!! YOU SHOULD NEVER CONNECT THIS OR ANY POTABLE WATER SUPPLY LINE TO ANY WATER SUPPLY WITH UNKNOWN BIOLOGICAL CONTAMINATES!!!

⇒ TEST THE WATER FOR HARDNESS USING THE TEST KIT INCLUDED WITH YOUR DOCK-MATE SYSTEM. INSTRUCTIONS ARE LOCATED ON THE BOX OF THE TEST KIT. BASED ON THE HARDNESS OF THE FEED WATER, REFER TO THE CAPACITY CHART TO DETERMINE THE TYPICAL NUMBER OF GALLONS AVAILABLE BEFORE NEEDING TO BE RECHARGED.

⇒ FOR CONTINUED USE, TURN WATER SUPPLY ON AND EITHER FILL FRESH WATER TANK OR WASH-DOWN VESSEL.

⇒ TO RECHARGE AND REGENERATE SYSTEM, ADD SALT TO THE BRINE CARTRIDGE (#6) AND PLACE IN THE RECHARGE HOUSING (#7). CONNECT THE HOUSING TO THE INLET USING THE 2 FT HOSE PROVIDED (#3). RUN THE OUTLET SIDE OF THE SOFTNER TO A SUITABLE DRAIN (REMOVE YOUR OUTLET HOSE OR REMOVE THE NOZZLE FROM YOUR HOSE TO HAVE A FREE FLOW WHILE CHARGING)AND TURN THE WATER ON. THE YACHT-MATE HAS A BUILT IN FLOW CONTROL. LEAVE SYSTEM TO RUN FOR APPROXIMATELY 30-40 MINUTES OR UNTIL ALL THE SALT IS DISSOLVED. NOTE TO GET A FULL RECHARGE REFILL SALT CARTRIDGE FOR A SECOND TIME WHEN COMPLETED THEN DISCONNECT RECHARGE HOUSING AND FLUSH UNIT WITH FRESH WATER FOR 5 MINUTES TO REMOVE ANY CHLORIDES LEFT IN SYSTEM THEN UNIT IS READY TO USE AGAIN

Yacht-Mate Products  
Typical Capacity Chart

Dock-Mate System	Grains Hardness	Gallons Available
Yachtmate HZ	0	16,000
Yachtmate HZ	3	5,333
Yachtmate HZ	5	3,200
Yachtmate HZ	7	2,285
Yachtmate HZ	10	1,600
Yachtmate HZ	15	1,066
Yachtmate HZ	20	800
Yachtmate HZ	25	640

**GRAINS PER GALLON**

Soft Water = 0    Hard Water = 2-7    Very Hard Water = 8-25

[WWW.YACHTMATE.COM](http://WWW.YACHTMATE.COM) - 954-527-0112 – 877-922-4862

Formula divide hardness by gal available

(capacity is effected by the quality of the feed water)

# Yacht-Mate Recharge



## **RECHARGING DOCK-MATE SOFTENER**

**Use a Water Hardness test kit to determine feed and treated water hardness. When total number of gallons from the capacity chart is reached or treated water shows levels of hardness, unit must be recharged.**

- 1) Prepare brine cartridge; unscrew the bottom of the salt cartridge add salt to capacity. Place cartridge into housing (note the up arrow on the cartridge) IT WILL TAKE 2 CARTRIDGE FILLS TO GET A COMPLETE RECHARGE
- 2) Attach the recharge housing to the Dock-Mate on the feed side (the inlet is ON RIGHT (see Figure above). Attach the garden hose to the inlet of the recharge housing. Attach your 2ft garden hose to the outlet of housing and to the inlet of the softener then face the unit to run to a suitable drain. (remove nozzle if attached to your hose it will need to free flow or remove hose completely)
- 3) Turn water on. The Yacht-Mate recharge systems have a built in flow control to recharge at the proper rate.
- 5) Allow system to run for approximately 30-45 MINUTES. All the salt in the cartridge should be dissolved by this time. (time will vary depending on temperature of the water, type of salt, etc)
- 6) When complete, turn water off, remove recharge housing and reconnect 4ft hose to inlet of System. Then let fresh water run thru the system for 5 minutes to rinse off excess salt inside the system. You are now ready to soften and treat water once again.
- 7) Empty & stow away the recharge housing until your next use

### **TEST KIT INSTRUCTIONS**

If you have the hardness test kit in a box, simply follow directions on box.

*Optional pre filter is available visit [www.yachtmate.com](http://www.yachtmate.com) or call your dealer*

**NEED ASSISTANCE? CALL US! TOLL FREE 877-922-4862 or 954-527-0112  
E-MAIL SALES@YACHTMATE.COM**