

Dock-Mate™
Wash-Down & Fill
Systems
MODEL
DM-1003

OWNERS
AND
OPERATIONS
MANUAL



YACHT-MATE PRODUCTS, Ltd.
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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 should 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.

SYSTEM SCHEMATIC:



1. Horizontal HZ Softener
2. Capacity chart
3. Feed Water Quick Disconnect
4. Treated Water Hose connection
5. Test Kit
6. Reusable Salt Cartridge
7. Recharge Housing
8. Male hose quick connection
9. Female x female garden hose 5' (not pictured)

GENERAL OPERATING INSTRUCTIONS

- ⇒ USE SUPPLIED QUICK CONNECT AND HOSE TO CONNNECT TO THE AVAILABLE WATER SUPPLY. INLET ON THE YACHT-MATE HZ IS THE HORIZONTAL QUICK CONNECT ON THE END (#3). THE OUTLET IS THE GARDEN HOSE CONNECTION LOCATED ON THE TOP 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 IN THE TOP 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 (#3). RUN THE OUTLET SIDE OF THE VESSEL TO AN APPROPRIATE DRAIN AND TURN THE WATER ON. (NOTE! MAKE SURE THE SYSTEM HOSE IS NOT CONNECTED TO THE BOAT DURING RECHARGE!! REMOVE ANY NOZZLES OR RESTRICTIONS DURING RECHARGE) THE YACHT-MATE HAS BUILT IN FLOW CONTROLS. LEAVE SYSTEM TO RUN FOR APPROXIMATELY 60 MINUTES. UNIT IS READY TO USE AGAIN

- ⇒ NOTE: QUICK CONNECT FITTINGS ARE SIMPLE TO OPERATE. DEPRESS DARK PLASTIC AND PULL OUT. TO INSTALL TUBING, PRESS INTO PLACE UNTIL TUBE BOTTOMS OUT IN THE FITTING. ... IT WILL “CLICK” INTO PLACE

Yacht-Mate Products Typical Capacity Chart

Dock-Mate System	Grains Hardness	Gallons Available
DM-1003 Horizontal	0	15,000
DM-1003	3	5,000
DM-1003	5	3,000
DM-1003	7	2,143
DM-1003	10	1,500
DM-1003	15	1,000
DM-1003	20	750
DM-1003	25	600

GRAINS PER GALLON

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

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Formula divide hardness by gal available (capacity is effected by the quality of the feed water)

Yacht-Mate DM-1003 Recharge

RECHARGING YACHT-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)

WE RECOMMEND PELLET SALT VS. ROCK IT IS A MUCH CLEANER SALT

2) Attach the recharge housing to the Yacht-Mate on the feed side (the inlet is horizontal like the unit, see Figure below). Attach the quick disconnect garden hose to the inlet of the recharge housing. Attach your garden hose to the outlet using the quick connection provided and run to a suitable drain. (remove nozzle)



- 3) Turn water on ALL THE WAY. The Yacht-Mate recharge systems have a built in flow controls to recharge at the proper rate.
- 5) Allow system to run for approximately 1 hour. 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 the hoses. System is 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 new hardness test kit in a blue box, simply follow directions inside box top.

Or fill small tube 20ml pour into larger bottle add 3 drops #1 swirl and add 3 drops # 2 swirl if blue water is soft if pink water is hard, if it shows pink add 1 drop at a time of #3 swirling each time until it turns blue the number of drops (#3) is how hard the water is look at chart to determine gallons available of soft water.

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