

**MERMAID MARINE
DEHUMIDIFIER**



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OPERATIONS MANUAL AND SPECIFICATIONS

Congratulations! You are now the proud owner of a full stainless steel Mermaid dehumidifier. You should expect many years of quiet, hassle free operation with your new Mermaid product.

Mermaid's dehumidifier is a compact and robust design. It is designed to control moisture anywhere a compact energy efficient dehumidifier is desired. The Mermaid dehumidifier incorporates a free-flow evaporator pan that can discharge water directly into a sink, shower or other drainage fixture.

KEY BENEFITS INCLUDE:

- ✓ Low power consumption – 3.5amps on 110v (1.75 on 220v)
 - ✓ Reliable, environmentally safe refrigeration system
- ✓ Stainless steel cabinet to withstand the toughest environments
 - ✓ Adjustable humidistat control
- ✓ Approximately 175 cubic feet of air movement per minute
 - ✓ Dehumidification for approximately 250-350 cubic feet
 - ✓ Small compact cabinet design and weight – only 36 lbs
 - ✓ Available in 115VAC/60HZ or 220VAC/50HZ models

OPERATIONAL NOTE

In using the dehumidifier in a “wood” environment, it is advisable to operate between the “Low Humidity” and “High Humidity” RH (Relative Humidity) level. This setting will place the arrow dial pointing vertically between the “Low Humidity and “High Humidity” settings located on the left and right side of the control knob. The unit will automatically shut off when reached its RH setting. However, it is not abnormal, under high humidity conditions, to have the unit continually operate. This is not detrimental to the operation of the unit. Mermaid has designed the unit to be operable 24-hours a day, 7-days a week. To determine if the unit is in full operational mode, BOTH fans need to be operating. To control this, turn the control knob towards the “High Humidity” setting until both fans turn on. Once both fans turn on, the unit is in full operational dehumidifying mode. Leave the dial at that setting as the humidistat (inside the machine) is now activated.

ACTUAL OPERATION

Consider the dehumidifier as nothing more than a small air conditioning unit. The system is wired so that the evaporator fan runs all the circulated air through the unit and across the humidistat. The circulation fan is controlled by the compressor operation. Ensure that the power cord is plugged into a GFI outlet. In low humidity areas, the control knob will point towards the “Low Humidity” label. In high humidity areas, the control knob will need to be turned more towards the “High Humidity” label. Again, BOTH fans need to be operational in order for the machine to be functioning. If only a single fan is operational, turn the control knob towards the “High Humidity” label until such time as the other fan actuates.

NOTE:

DO NOT ATTEMPT TO REPAIR ON YOUR OWN! THIS WILL VOID ANY AND ALL WARRANTIES.

MAINTENANCE

There is a filter located in the dehumidifier. Depending on the environment in which the unit is operating, the filter may need to be changed more often. Under normal operating procedures, plan on cleaning the filter at least twice a year.

To clean the filter, remove the cover screws (with the power off!), and wash with fresh water. Ensure the filter is dry before re-assembling the dehumidifier. Failure to follow these instructions will cause the dehumidifier to work improperly.

WARRANTY

Your Mermaid dehumidifier is protected by a one-year factory warranty from the date of purchase. Please retain your sales slip/invoice for your warranty records.

Should you need any further assistance, please don't hesitate to contact us.

Thank you again for your purchase of the Mermaid dehumidifier!