

Model RH-CAL

QUICK STARTUP GUIDE – Page 1

STARTUP

1. Connect the RH-CAL to the AC Power Line.
2. Lift Flow Meter to the upright position.
3. Remove Shipping Plug from Water Fill Tube.
4. The correct water level is filled at EdgeTech prior to shipping.
5. Set Power Switch to ON position.
6. Wait for equilibration and SERVOLOCK indication on Display.

REPROGRAMMING A SETTING

1. Press ENT on Keypad to enter selection menu.
2. Using ENT key, scroll to the desired location of the parameter to be changed.
3. Press ENT again to begin changing the setting. The selected digit will flash. Use left and right Arrow keys as required to scroll to the change location, and the numerical keypad to input the change.
4. When programming is completed, press ENT to accept the new setting and ESC to exit the menu. The KEEP CHANGES? screen will appear. Press ENT to lock in the change, or ESC to discard the change and return to the previously programmed value.

Model RM-241 QUICK STARTUP GUIDE

STARTUP

1. Connect the power cord to the power outlet.
2. Turn the power switch on the front panel.
3. Press the power button on the front panel.
4. The power indicator light will turn on.
5. The system will start up.

OPERATING & MAINTENANCE

1. Do not touch the internal components.
2. Do not use liquid cleaners.
3. Do not use abrasive cleaners.
4. Do not use compressed air.
5. Do not use solvents.
6. Do not use oil.
7. Do not use wax.
8. Do not use polish.
9. Do not use furniture polish.
10. Do not use window cleaner.
11. Do not use glass cleaner.
12. Do not use any other cleaning products.

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ROUTINE MAINTENANCE (See Maintenance Section)

WATER FILL

Add distilled water periodically, after 12 to 36 hours of operation, depending on RH settings.

Note: If RH readings are constantly lower than the programmed setpoint, water is probably needed.

AIR DRYER MATERIAL

When the entire Air Dryer tube has turned from blue to pink, the desiccant material inside must be restored. Remove the Air Dryer from the Panel by opening the straps. Disconnect the two clear plastic tubes from the bottom. Open the tube and replace dryer material, or bake the material to remove moisture. Reassemble and reinstall.

MIRROR CLEANING

The Automatic Balance Cycle (ABC) greatly minimizes cleaning requirements of the internal Chilled Mirror Sensor. Contaminants in the air will gradually build up on the mirror, to the point where manual cleaning is eventually required. Periods of 90 days between cleanings are typical, depending on the air source. An indication of CLEAN MIRROR on the Display, after an ABC Cycle, will tell the user when cleaning is needed. The DP Sensor is located in the Test Chamber at the 3 o'clock position, and the opening with the small vertical mirror is located toward the front of the RH-CAL. Use cotton swabs and isopropyl alcohol for mirror cleaning.

AIR FILTER ELEMENT REPLACEMENT

Depending upon the quantity of contaminants in the incoming air, the internal Air Filter element may have to be replaced after a substantial period of operation. Remove the Panel to access the air filter. Unscrew the clear plastic cover, replace the filter with a new one, and reassemble.

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