

OPERATION

Automatic Tests

The unit will automatically initiate a self-test/self-diagnostic cycle based on the following table:

Testing Period	Duration of Test
Once a month	1 minute
Once every 6 months	Alternating: 30 minutes or 60 minutes

Manual Tests

Using the unit test switch, users can initiate different duration test cycles based on the following table:

Initiating Action	Test Cycle
Press test switch once	1 minute
Press test switch twice	90 minutes

Pressing the test switch any time after a 90 minute test cycle has begun cancels the remainder of the 90 minute test and returns the unit to normal operation.

Service / Maintenance

Maintenance

This emergency lighting unit should be tested and maintained in accordance with National Electrical Code and NFPA 101 Life Safety Code requirements. It is recommended that emergency light fixtures be tested for 30 seconds once a month and for 90 minutes once a year.

Taking A Unit Out Of Service

If a unit is to be deliberately taken out of service for an extended period, the battery lead connector should be disconnected from the charger circuit board and insulated so that the battery will go into storage in a fully charged condition.

Replacing The Battery

1. De-energize the AC power.
2. Disengage the housing cover from the backplate.
3. Disconnect the battery harness from the charger pcb.
4. Disconnect the battery strap and remove battery pack.
5. Replace with a new battery (see unit model label or battery label for correct part number) and reconnect harness.
6. Reassemble cover to backplate.

Replacing LED Lamps

The LED lamps inside the unit are not replaceable or field serviceable. Please see Dual-Lite.com for further assistance.

Troubleshooting

Emergency circuit does not work

- Batteries are shipped uncharged, please charge for 24 hours before testing.
- Make sure the switch pcb and the button/light pipe is correctly seated and aligned.
- Check wiring connections.



RECYCLING INFORMATION

All steel, aluminum and thermoplastic parts are recyclable.

NOTICE: Emergency units contain rechargeable batteries which must be recycled or disposed of properly.

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EVHC Series

Twin-Head LED Emergency Lighting Unit
Standard, Remote, and Spectron® Equipped Models
Installation, Operation, and Service Instructions



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IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Do not let power supply cords touch hot surfaces.
3. Do not mount near gas or electric heaters.
4. Equipment should be mounted in locations and at heights where it will not readily be subject to tampering by unauthorized personnel.
5. The use of accessory equipment not authorized by the manufacturer may cause an unsafe condition.
6. Do not use this equipment for other than its intended purpose.
7. Servicing of this equipment should be performed by qualified service personnel.
8. Test cycling: the Life Safety Code (NFPA 101) requires testing of emergency lighting units once a month for a minimum of 30 seconds, and once a year for a minimum of 90 minutes.

INSTALLER:

- SEE UNIT LABEL FOR ADDITIONAL MODEL SPECIFICATIONS
- SAVE THESE INSTRUCTIONS FOR USE BY OWNER/OCCUPANT

WARNING – This product contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning, or otherwise touching this product.

Emergency Lighting Equipment For Use in Damp Locations

Damp location listed units are suitable for installation in:

1. Interior locations subject to moderate degrees of moisture, such as some basements, some barns, some cold storage warehouses, and the like.
2. Partially protected locations under canopies, marquees, roofed open porches and the like.



