

Installation Instructions UV 120Vac/240Vac Access Safety Switch

The following instructions are intended for use by qualified service personnel only. Familiarize yourself with the air handler layout, UV fixture instructions and electrical diagram.

APPLICATION

When installed on access doors/panels of a HVACR system, the Safety Switch cuts power to the UV fixtures when the access doors/panels are opened or removed in order to avoid accidental exposure to ultraviolet light.

CAUTION

Personal Injury Hazard.

Power supply can cause electrical shock.

Disconnect power supply before beginning installation. Professional installation required per NEC standards.



WARNING

UV Light Hazard.

Harmful to bare skin and eyes.

Can cause temporary loss of vision.

Never look at the lamps while illuminated.

Only view illumination by way of the light pipe indicator on the lamp knob or view port.

INSTALLATION

When Installing this Product:

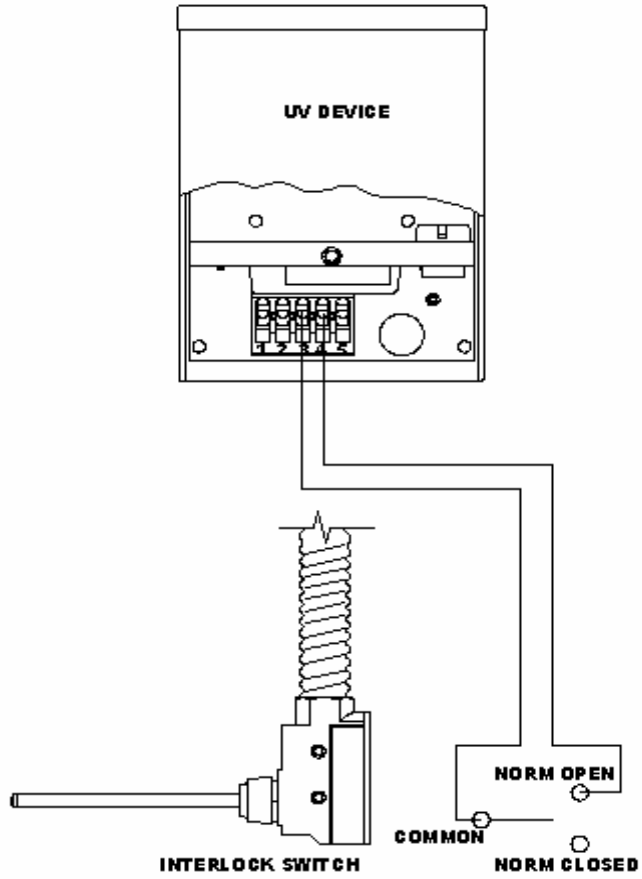
1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the rating given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. Locate access door/panel for installation of Safety Switch. Safety switches should be installed on all doors/access panels that are within view of the UV lamp(s).
5. Mount Safety Switch in such a manner that the access door/panel actuates switch when door/panel is closed.
6. Install all wiring in accordance with NEC guidelines.
7. Wire safety switch per electrical diagram (shown on reverse side)
8. After installation is complete, check out product operation as provided in these instructions.

CHECKOUT

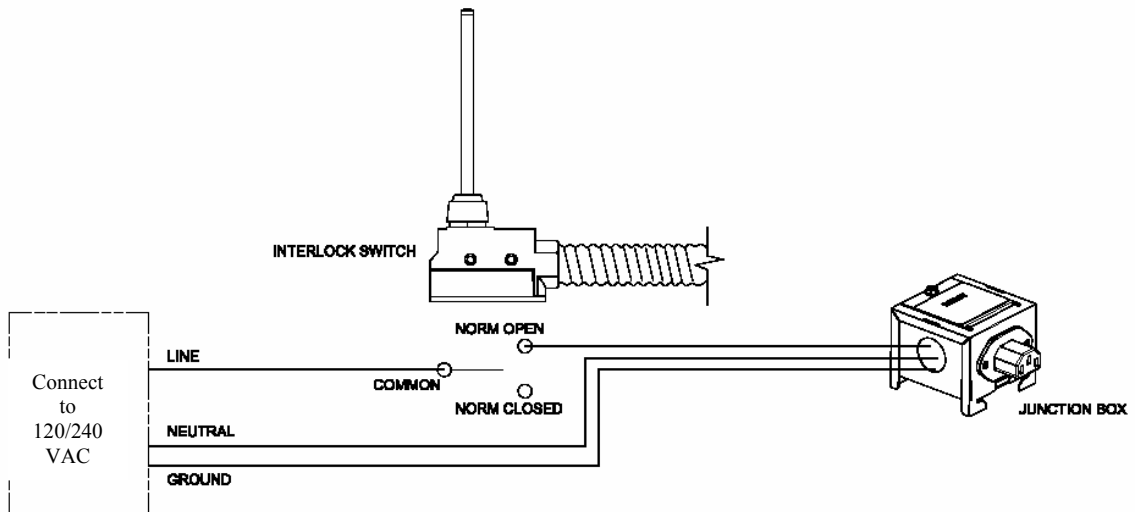
The installer should verify that the ultraviolet lamp is operating only by viewing the light pipe indicator on the lamp knob or via a view port. Do not attempt to look directly into the duct to see the illuminated ultraviolet lamp. The installer should orient the owner to the unit by showing them the blue glow of the light pipe indicator or lamps through a view port and discussing how to determine when the unit is functioning properly without looking directly into the duct to see the illuminated ultraviolet lamp. The installer should also emphasize the hot surface and electrical shock safety warnings.



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Electrical Diagram: V-Strike XS/XT



Electrical Diagram: UVGI Modular Coil Irradiator