

Installation and Maintenance Manual

IM 1282

Group: UV

Part Number: 910253377

Date: October 2018

LUI Installation Kit (Option)

Used with:

Unit Ventilators with MicroTech® Control Models AV, AH, AZ/AE/AR & GR

Kit P/N for AV Units: 669484501

Kit P/N for AH Units: 669484502

Kit P/N for AZ/AE/AR & GR Units: 669484503



NOTICE

Refer to the appropriate unit model for LUI installation

Installation Instructions

For Models AV

Kit Part No. 669484501

⚠ DANGER



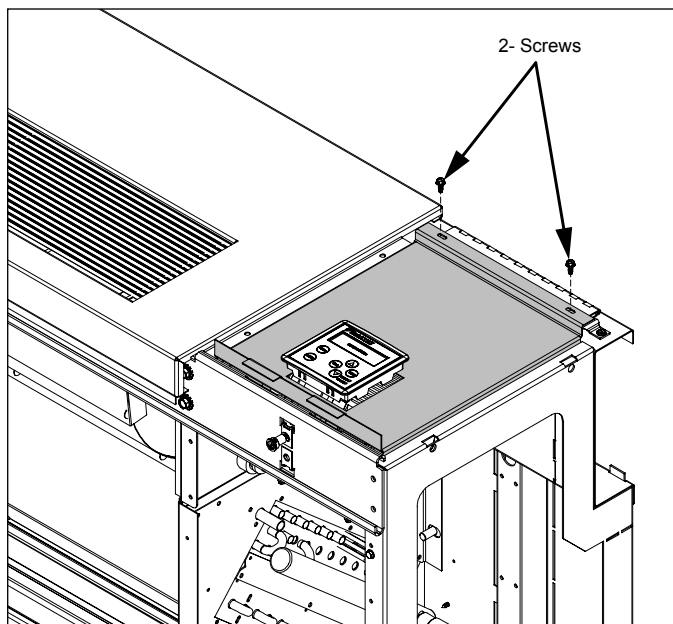
Disconnect all electrical power before servicing unit. Electrical shock will cause severe injury or death.

⚠ CAUTION

Static sensitive components. A static discharge while handling electronic circuit boards can cause damage to the components. Discharge any static electrical charge by touching the bare metal inside the main control panel before performing any service work. Never unplug any cables, circuit board terminal blocks, relay modules, or power plugs while power is applied to the panel.

1. Open top-right access door.
2. Snap LUI into the cutout in the kit metal panel.
3. Slide panel tabs into slots on unit and secure metal panel with the 2- screws (Figure 1).
4. Route the LUI wire ribbon and connectors through the grommated cutout in the top of the control box and plug the wire ribbon connectors into the unit control board labeled H17 and H15 See Figure 8 on page 4 for plug connector locations on control board.

Figure 1: Install LUI into cutout in kit metal panel and secure panel with 2- screws

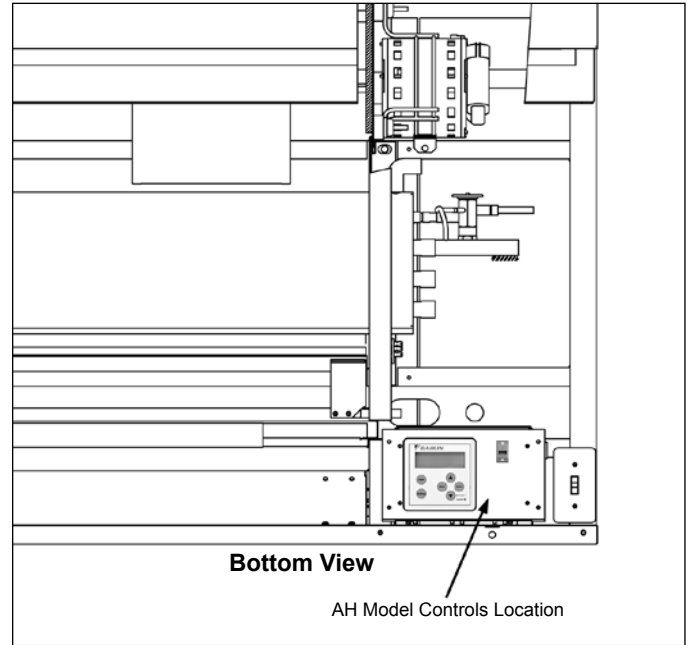


For Models AH

Kit Part No. 669484502

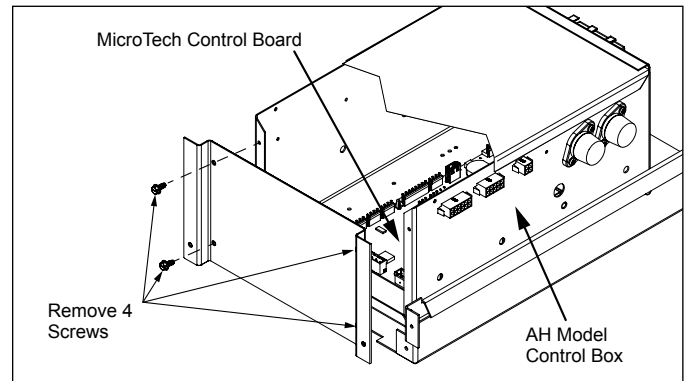
1. Open the hinged access door to control box section.

Figure 2: Location for LUI on AH unit



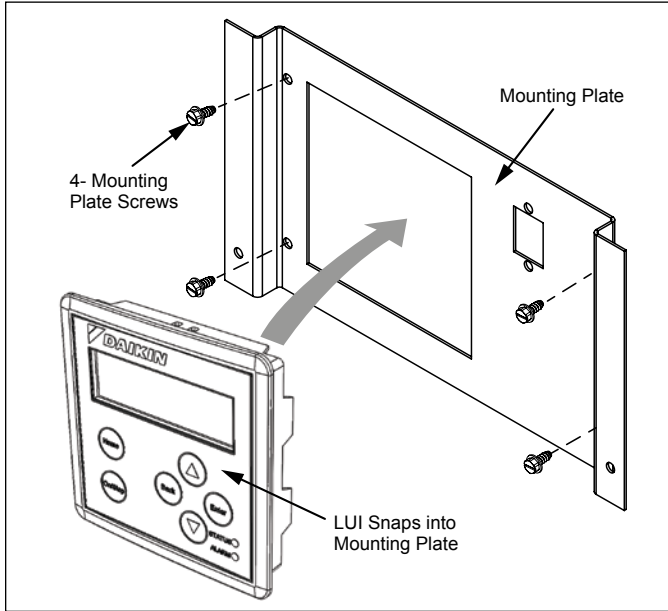
2. Remove 4 screws holding the blank metal panel on the control box.

Figure 3: Remove the blank metal panel by removing 4- screws



3. Remove screws holding the control box cover to allow access to the unit control board.
4. Snap the LUI into the cutout in the metal panel.

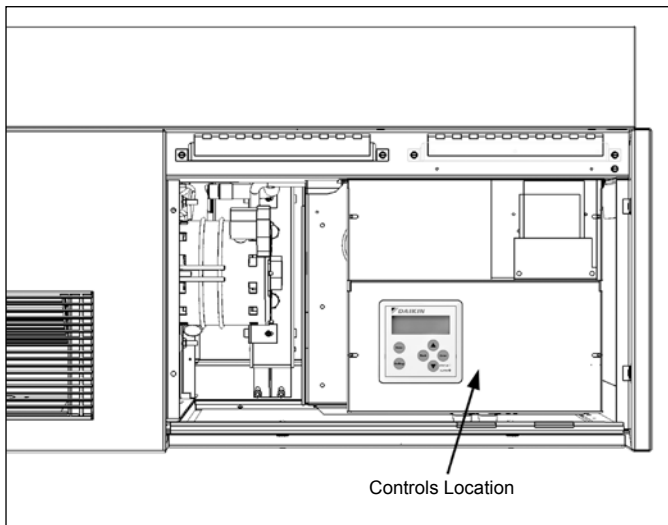
Figure 4: Snap LUI into cutout in kit metal panel



5. Plug the wire ribbon connectors from the LUI into the unit control board labeled H17 and H15 See Figure 8 on page 4 for plug connector locations on control board.
6. Secure the metal panel with LUI to the control box with the 4- screws.
7. Replace the top cover on the control box.

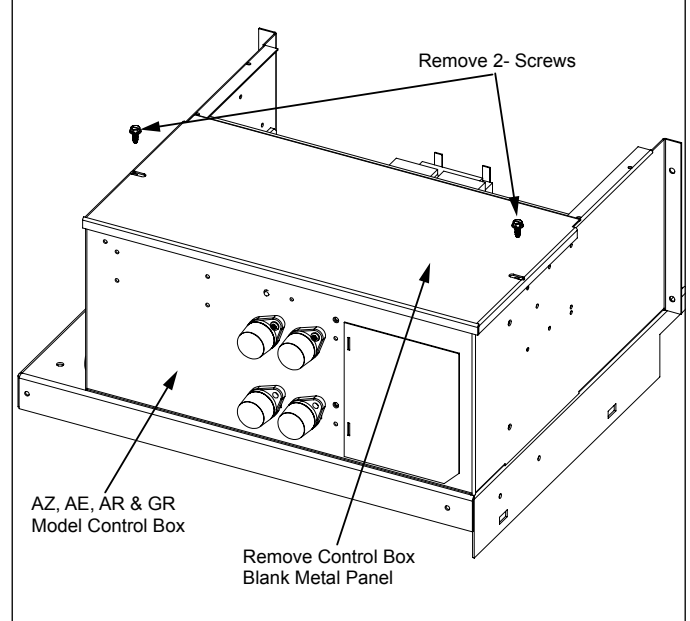
**For Models AZ/AE/AR & GR
Kit Part No. 669484503**

Figure 5: AZ, AE, AR & GR models control box location



1. Open the hinged top-right access door to control box section.
2. Remove 2 screws holding the blank metal panel on the control box.

Figure 6: Remove control box blank metal panel



3. Snap the LUI into the cutout in the kit metal panel.
4. Plug the wire ribbon connectors from the LUI into the unit control board labeled H17 and H15 See Figure 8 on page 4 for plug connector locations on control board.
5. Secure the metal panel with LUI to the control box with the 2- screws.

Figure 7: Install LUI into cutout in kit metal panel and secure panel with 2- screws

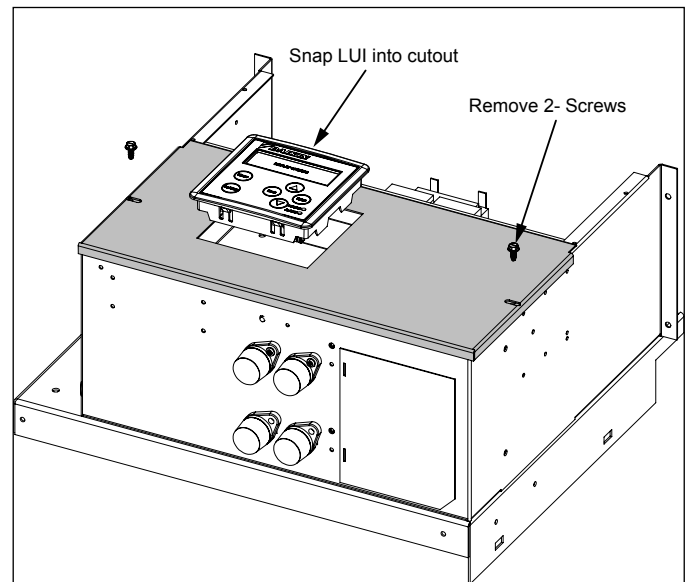
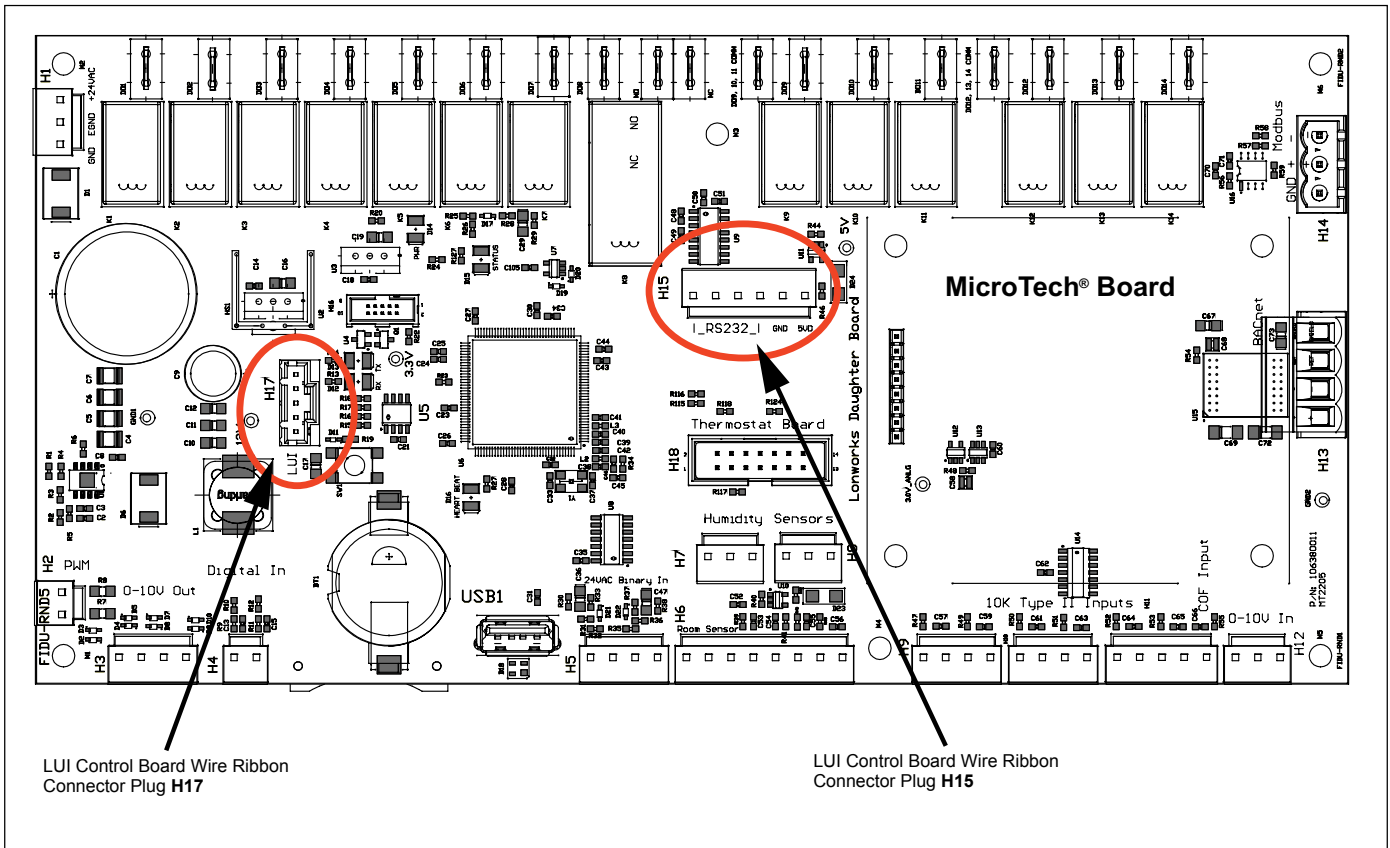


Figure 8: Control Board LUI Wire Ribbon Connections Locations – H15 & H17



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