

Unitary Controller Wiring Box

INSTALLATION INSTRUCTIONS



INSTALLATION

The wiring box enclosure is constructed of a plastic base and a plastic factory-snap-on cover.

NOTE: The wiring box is designed so that the cover needs to be removed from the base plate for mounting and wiring of the controller.

The wiring box mounts using four screws inserted through the corners of the base plate. Fasten securely with four No. 6 or No. 8 machine or sheet metal screws.

The wiring box can be mounted in any orientation. Ventilation openings are designed into the cover to allow proper controller heat dissipation, regardless of the mounting orientation.

APPLICATION

The WB10707 is a simple enclosure designed specifically for the CP-UL1012S, CP-UL4024S, CP-VL0000AS, CP-VL4022AS, CP-VL4024NS, PUL1012S, PUL4024S, PVL0000AS, PVL4022AS, and PVL4024NS Controllers. The wiring box is a perfect fit for applications where you have a single controller that requires extra protection or the wiring can not be exposed.

FEATURES

- **Screwless controller mounting.**
- **Conduit connections via four 1/2 in. knockouts.**
- **Access to the Controller Service Pin, Service Jack, Controller status LED, VAV Air Sensor Bridge with or without the cover on.**
- **Use with all Micro Controllers (Unitary, VAV— with or without Actuator).**

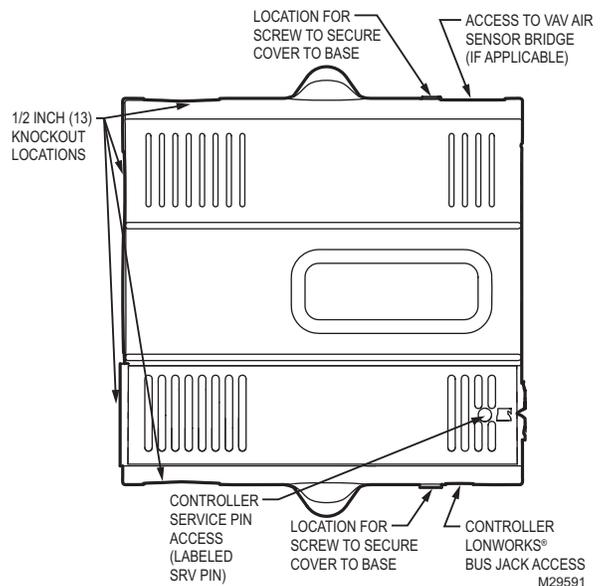


Fig. 1. Wiring box features



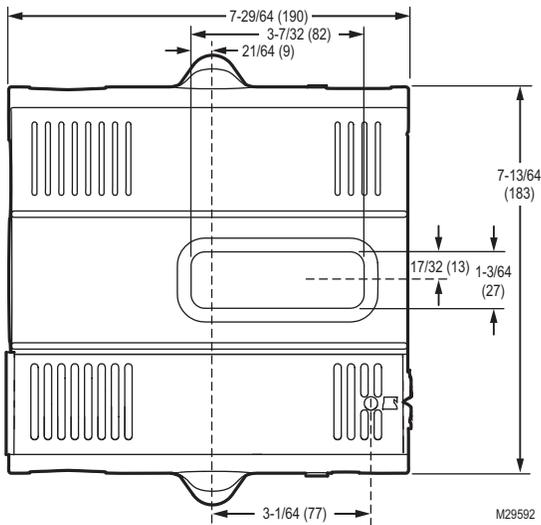


Fig. 2. Panel mounting—wiring box cover
Dimensions in inches (mm) for WB10707.

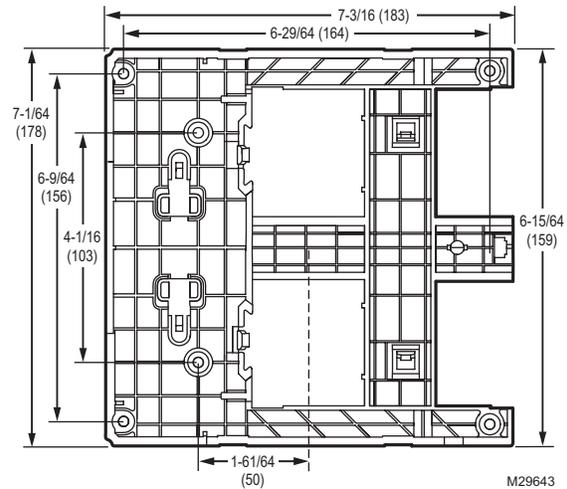


Fig. 3. Panel mounting—wiring box base
Dimensions in inches (mm) for WB10707.

Mounting Controller in Wiring Box

1. Remove all breakaway mounting tabs from controller.
2. Align dove tails of controller with wiring box.
3. Push controller into wiring box until snaps/locks into place.
4. Wire controller using the appropriate 1/2 in. knockouts to access the wiring box and the wire routing posts to manage all wires (see Fig. 1).
5. Insert wiring box cover by snapping on base
6. Use provided security screws to secure the wiring box cover to the base (see Fig. 1).

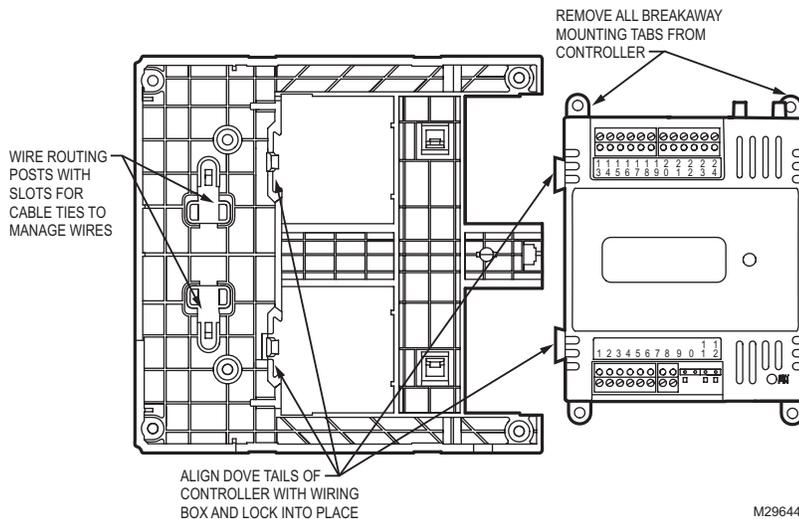
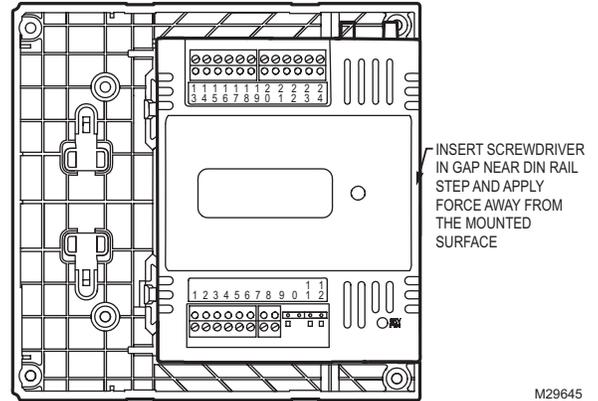


Fig. 4. Mounting controller to wiring box—wiring box base and controller.

Removing Controller from Wiring Box

1. Remove security screws.
2. Remove wiring box cover from base by placing finger under either the top or bottom finger slot then pulling outward.
3. Disengage wiring box base snaps from the controller by placing a screwdriver in the gap near the DIN rail step and applying force away from the mounted surface.



**Fig. 5. Removing controller from wiring box—
wiring box base and controller.**

Automation and Control Solutions

Honeywell International Inc.
1985 Douglas Drive North
Golden Valley, MN 55422
customer.honeywell.com

Honeywell Limited-Honeywell Limitée
35 Dynamic Drive
Toronto, Ontario M1V 4Z9

© U.S. Registered Trademark
© 2009 Honeywell International Inc.
62-0320—01 M.S. 07-09



Printed in U.S.A. on recycled
paper containing at least 10%
post-consumer paper fibers.

Honeywell