

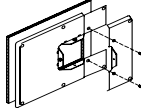
EZ-Path®

FIRE RATED PATHWAY

INSTALLATION SHEET

EZ-Path® Series 33 Single Split Wall Plate for Retro-Fit Applications

(Part No. EZP133R & EZDP33WR)



ZIS1004

Rev. 06/2012

GENERAL - READ COMPLETELY BEFORE INSTALLING

This product is designed to facilitate installation of the EZ-PATH® Fire Rated Pathway in retrofit applications (around previously installed cables, see Fig. 1) or in new or existing cabling applications where a large opening (Fig. 2) or opposing offset openings have been created in either gypsum board or masonry block wall assemblies. The two-piece plates {assembled size 8" x 10" (200 x 250 mm)} and split insulative gaskets are designed to make possible installation around existing cable bundles.

Before installing, using split gasket as a template, confirm that the assembled plates will overlap the wall openings on both sides by a minimum of 1" (25 mm) in all directions. Verify that fasteners will attach solidly to undamaged, structurally intact wall surfaces. Note that the pathway opening in the plate assembly is offset. This feature allows plate assemblies on opposing sides of the wall to be rotated independently of each other in 90° increments to best adjust to irregular or offset openings.

NOTE: Pathway is designed to be installed through walls with the lid (labeled surface) facing upwards.

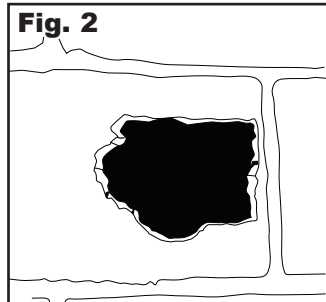
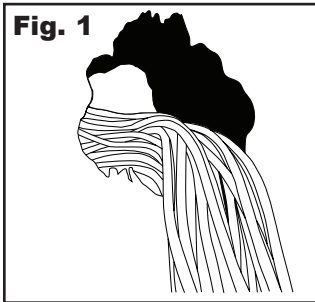


TABLE A: Parts List

Qty.	Description	Qty.	Description
2	Large plate section	1	5/64 Allen key
2	Small plate section	10	8-32 x 1/4" lg. set screws
2	8" x 10" Split insulative gasket (203 mm x 254 mm)	4	8-32 x 1/4" lg. Phillips screws
2	Ground screws	1	EZD33FWS*

*EZDP33WR only.

INSTALLING OR PULLING CABLES

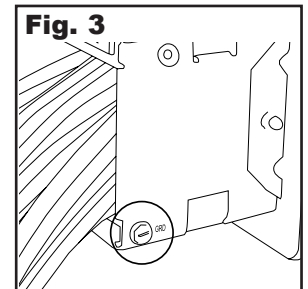
A resilient liner provides an adjustable seal within the pathway device. Liner must be protected from damage while adding or removing cables. Wrap cable ends with a suitable low friction tape before inserting into the pathway. Where cable lubricants are used, low solids, water-based products are recommended. This device is designed to be fully functional at all cable loadings from completely empty to visually filled, and cables should easily slide through the pathway using minimal effort. IF RESISTANCE IS ENCOUNTERED, DO NOT FORCE CABLES OR CABLE BUNDLES THROUGH THE PATHWAY. DAMAGE MAY RESULT. Upper curved liner may be depressed when inserting cables, if necessary, using a flat, smooth implement and then removing it after cables are installed. The rectangular shape of the loading area coupled with gentle pressure exerted by resilient liners will naturally distribute the cables at a relatively uniform height across the width of the device. The use of a cable dressing/combining instrument to straighten and organize cables may help to maximize usable space within the pathway device.

GROUNDING

At the option of the installer, this device may be grounded. After device(s) has been installed, insert ground screws where indicated (See Fig. 3).

LABELING

Labels are provided with the device as well as wall plate kits. Larger orange colored label is intended to be used to identify the device's installer as well as to provide applicable UL System information. Smaller secondary labels are included with double, triple, four and seven gang mounting plates as an optional method for identifying or marking cable types, uses, or trades. Two sets of labels are provided for marking both sides of wall or floor.



MAINTENANCE

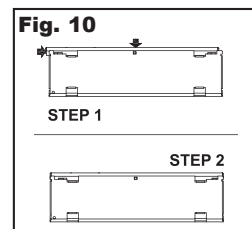
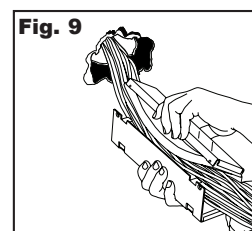
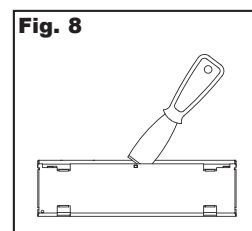
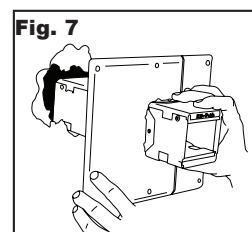
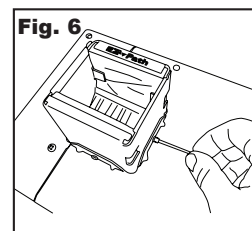
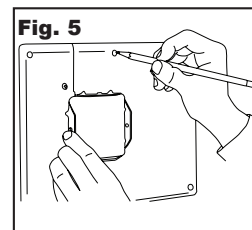
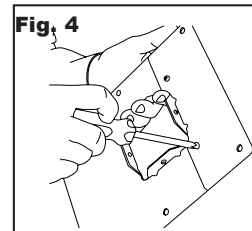
No maintenance of the device is normally required. Interior of device should be inspected before and after any modifications to cable bundle. If any damage to intumescent pads' lining top and bottom of the device is found, contact the factory to determine if replacement is required.

TABLE B: Required Fasteners (Not Included)

Hourly Rating	Masonry	Gypsum Wallboard
1 Hour	1/8" (3 mm) by 1-1/2" (38 mm) steel anchor with 3/8" (10 mm) diam. steel washer	1/8" (3mm) by 1-1/4" (32 mm) molly bolt with 3/8" (10 mm) steel washer
2 Hour	1/8" (3 mm) by 1-1/2" (38 mm) steel anchor with 3/8" (10 mm) diam. steel washer	1/8" (3mm) by 2" (51 mm) molly bolt with 3/8" (10 mm) steel washer

NEW WORK INSTALLATIONS

1. If necessary, start all set screws (included) in pathway retaining flanges on wall plates. Do not tighten at this time.
2. Assemble wall plates by using two (2) #8-32 x 1/4" screws (included-see Fig. 4)
3. Using the assembled plate as a template, determine best installation position for BOTH sides of wall that will allow proper alignment of the pathway through the wall. Openings when properly aligned, should allow the pathway to be inserted through the wall on a level path, perpendicular to wall surface. Rotate plate as required to align pathway openings and meet the attachment requirements listed above. Once properly positioned, mark the location of the six required wall fasteners (See Table B, and Fig. 5). Remove plate from wall surface and drill holes for fasteners.
4. Slide pathway into opening in wall plate. Using gauge mark on top of pathway, adjust plate to wall thickness. Secure plate to pathway by tightening set screws. (See Fig. 6).
5. Slide gasket onto pathway so that when inserted into wall, gasket will be sandwiched between plate and wall.
6. Insert pathway into wall opening (See Fig. 7). Align plate/pathway with previously drilled holes and secure to wall using appropriate fasteners (See Table B).
7. Moving to the opposite side of the wall, install remaining gasket and wall plate as detailed above. Tighten set screws to complete installation.



OLD WORK INSTALLATIONS (Cables Already Installed)

NOTE: This type of installation requires the pathway to be disassembled, installed around cables, and then re-assembled. Wall plates must also be assembled around the cable bundle. This action will require a minimum of 12" (300 mm) of unrestricted space and unobstructed access to cable bundle on one side of the wall.

1. Start all set screws (included) in pathway retaining flanges on wall plates. Do not tighten at this time.
2. Remove the pathway lid by unscrewing the two screws and sliding the lid out of the channel attachment tabs (on opposite side). If the device does not contain two screws, locate the side of the device with a rectangular lock and insert a small flat head screwdriver or steel spatula into the seam between the lid and the channel (See Figure 8). Slide the lid away from the channel.
2. Cut and remove elastic band wrapped around intumescent pads.
3. Place pathway channel around the cables (See Fig. 9).
4. If the device does not contain screws, align the tabs in the lid and the channel (See Figure 10). Replace the lid and reinstall the screws, if necessary. Continue to install per the following steps for New Cable Installation.
5. Position wall plate sections around cable bundle (between pathway and wall surface) and finish installation per steps 2 through 7 from instructions on New Work Installations above.

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