

GENERAL - READ COMPLETELY BEFORE INSTALLING

This product allows for several optional installation methods. Available methods for walls are shown here. The raceway (device) consists of an enclosed heavy gauge galvanized steel channel with a detachable lid. Depending on the type ordered, wall plates and gaskets are either included or may be ordered separately. Wall plates are designed to accommodate single, double, or triple device installations. Component requirements will vary according to the method of installation chosen. See Table B for additional information.

NOTE: WALL INSTALLATIONS REQUIRE THIS DEVICE TO BE INSTALLED WITH THE TOP (LID) FACING UPWARD. The lid may be identified by the BARRIER GAUGE stamping. WALL PLATES ARE ASYMMETRICAL and are marked with the word TOP.

TABLE A: Wall Opening Dimensions

CONFIGURATION	SINGLE	DOUBLE	TRIPLE
Square or Rectangular Using Wall Plates - Gypsum Board or Masonry			
Opening Height	3 1/8"	3 1/8"	3 1/8"
Opening Width	3 1/8"	6 1/8"	9 1/8"
Square (Using Sealant - No Wall Plates) - Gypsum Board or Masonry			
Opening Height	3 1/8"	N/A	N/A
Opening Width	3 1/8"	N/A	N/A
Round (Using Sealant - No Wall Plates) - Masonry			
Opening Diameter	4"	N/A	N/A

CITY OF NEW YORK MEA 369-02-M

CREATING THE OPENING

Gypsum Board Walls (Square Openings):

1. Locate suitable area of the wall to penetrate making sure that there are no studs, wires, pipes or other obstructions located within wall.
2. Mark a square or rectangular opening as dimensioned in Table A. Make sure opening is square and plumb. The inside opening of the wall plates can be used as a template (See Fig. 1).
3. Using a keyhole saw, cut wall board (See Fig. 2). Cutting to the outside of the line will produce a slightly over-sized opening. Mark and cut opposite side of the wall, exercising care to align both openings. Insert raceway and check for fit. Remove raceway.
4. Install device per instructions below.

Concrete or Masonry Walls (Square or Round Openings):

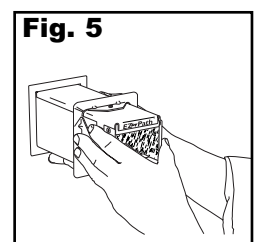
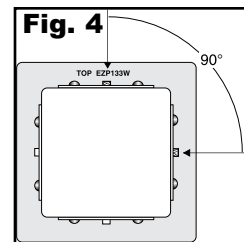
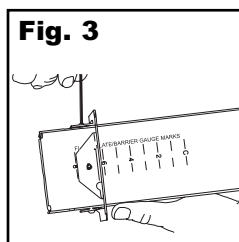
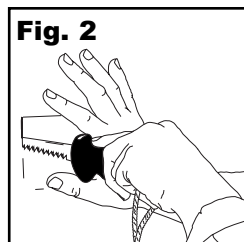
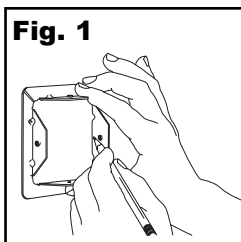
1. Cut or form a square or rectangular opening or core drill a round opening per dimensions listed in Table A.

INSTALLING WIREWAY USING WALL PLATES

Prior to Pulling Cables

Device is installed through wall and attached using wall plates to sandwich the wall. No mechanical attachment to wall itself is required.

1. Pre-install required set screws in wall plates using allen wrench (provided).
NOTE: When installing a single wall plate and raceway, two set screws positioned and tightened at 90 degrees to each other in both plates will adequately hold device (See Fig. 4). Multiple devices in a ganged installation using double (Cat No. EZP233W) or triple wall plates (EZP333W) require EVERY set screw to be installed.
2. Install a wall plate around raceway making sure that set screw flanges are facing towards the end of the device.
NOTE: Position plate so that the word TOP stamped on the plate aligns with the lid of the raceway. Use gauge marks located on lid of raceway to adjust plate to thickness of wall (See Fig. 3). This will center raceway within the wall. When properly adjusted, tighten set screws to lock plate onto raceway.
3. Place one of two provided foam gaskets around opposite end of raceway and carefully slide it back to fit snugly against back side (wall side) of plate.
4. Insert raceway through wall (with TOP facing upwards) using previously installed wall plate and gasket as a stop (See Fig. 5).
5. Moving to the opposite side of the wall, install remaining foam gasket around raceway and slide toward wall.



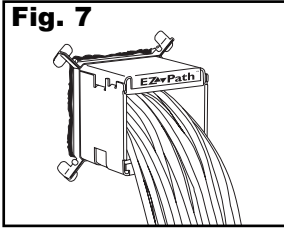
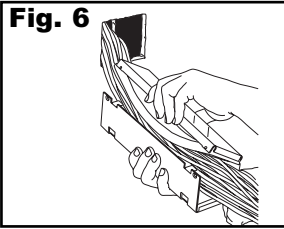


TABLE B: Required Components

	All Components Included	Raceway	Wall Plate Kits	Positioning Clamp Kit
New Cable Installations Using Wall Plates				
Single Raceway (Complete Kit)	(1) EZDP33FW			
Single Raceway	N/A	(1) EZD33FW	(1) EZP133W	N/A
Double Raceway	N/A	(2) EZD33FW	(1) EZP233W	N/A
Triple Raceway	N/A	(3) EZD33FW	(1) EZP333W	N/A
New/Existing Cable Installations Using Sealant				
Single Raceway	N/A	(1) EZD33FW	N/A	(1) EZP133PC

6. Install remaining wall plate around raceway (TOP up) and slide it toward wall surface. While pulling raceway toward you, push wall plate and gasket tightly to wall and tighten set screws. Check device for excessive play. If device appears to be loose or can easily be moved, readjust wall plates as necessary to tighten device firmly against wall.

INSTALLING IN WALL OPENINGS USING SEALANT (NO WALL PLATES)

IMPORTANT NOTE: This installation applies to the use of SINGLE devices only.

Installing Around Previously Installed Cables

1. Remove lid from raceway by unscrewing the two screws and sliding lid out of channel attachment tabs (on opposite side).
2. Place raceway channel around cables (See Fig. 6).
3. Replace lid and reinstall screws. Continue to install per the following steps for New Cable Installation.

Installing Prior to Installation of Cabling

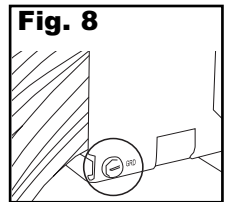
1. With fastening screw removed, install optional Positioning Clamp (Cat No. EZP133PC) around cable bundle and slide over raceway making sure that the flat feet of clamp are facing towards wall surface. Use gauge marks located on raceway to adjust clamp to thickness of wall. When properly adjusted, lock clamp in place by installing and tightening fastening screw.
2. Slide device into properly sized opening and center within wall (See Fig. 7).
3. Moving to opposite side of wall, install second clamp around raceway and snug tightly to wall. Tighten clamp securely.
4. Caulk using approved sealant (SpecSeal® SSS, LCI, LC Series sealants, or Pensil® 300 Silicone Sealant). Apply sealant to a depth of 5/8" within annulus on both sides of wall. Apply a 3/8" crown bead at areas of point contact.

INSTALLING or PULLING CABLES

A resilient liner provides an adjustable seal within the raceway. Liner must be protected from damage while adding or removing cables. Wrap cable ends with a suitable low friction tape before inserting into the raceway. 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 raceway using minimal effort. IF RESISTANCE IS ENCOUNTERED, DO NOT FORCE CABLES OR CABLE BUNDLES THROUGH THE RACEWAY. DAMAGE MAY RESULT. Upper curved liner may be depressed if necessary when inserting cables using a flat, smooth implement and removing after cables are installed.

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. 8). For installations using single, double, or triple wall plates, or optional positioning clamps, two ground screws are required and are included in these kits.



WALL LABELING

Wall labels are provided with the wireway as well as wall plate kits. Larger orange colored label is intended to be used to identify the wireway's installer as well as to provide applicable UL System information. Smaller secondary labels are included with double and triple wall 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.

MAINTENANCE

No maintenance of the raceway 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 raceway is found, contact the factory to determine if replacement is required.



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