

INSTALLATION SHEET Four & Seven Gang Mounting Plates EZP433W, EZP433GK, EZP733W, EZDP733GK

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Option 1 – Installation in Finished Walls

ZIS1005

- Determine a suitable location for installation. Plates are designed to allow either 4 pathways (studs 16", 406 mm OC) or 7 pathways (studs 24", 610 mm OC) to be installed horizontally in a row. Installation requires an opening to be cut or formed completely through the wall (both sides) per the dimensions listed in Table A. In hollow walls, care must be exercised to assure that slots on both sides are properly aligned (See Fig. 1).
- Install gasket tape to the flat side of both plates (See Fig 2). Apply by aligning tape to the inside edge of the framed opening. Remove release liner and adhere tape.
- 3. Fit all pathways side by side through opening.

4. Slide wall plate over pathways. With the ends of all pathways evenly aligned, set the wall plate to the correct wall thickness using the gauge marks provided on the top of the pathway (See Fig 3).

- 5. Carefully tighten all set screws (See Fig 4).
- 6. Slide plate with mounted pathways tight against wall surface.
- 7. Fasten wall plate to wall as required (See Table A), (Fig 5).
- 8. Moving to the opposite side of the wall, install remaining plate making sure to tighten all set screws. Fasten plate to wall if required.



Option 2 – Installing Devices Prior to Wallboard (New Wall Construction)

- 1. Invert gang plates such that flanges project into stud cavity and fasten directly to studs using four 5/8" (16 mm) Type S screws on each side of stud cavity (See Fig. 6).
- 2. Install devices and tighten set screws provided with device using Allen wrench supplied (See Fig. 3 & 4).
- 3. Complete wall construction as required by design. Opening in wallboard facing shall be cut so that clearance between devices and wallboard does not exceed 1/8" (3 mm).
- 4. Resulting gap shall be filled with joint compound or SpecSeal® brand firestop sealant at the option of the installer (See Fig. 7 & 8).

GENERAL - READ COMPLETELY BEFORE INSTALLING

This product allows for several optional installation methods. The pathway (device) consists of an enclosed heavy gauge galvanized steel channel with a detachable lid. Pathways (devices) are ordered separately. Gang plates are designed to accommodate up to four or seven device installations. Component requirements will vary according to the method of installation chosen.

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. GANG PLATES ARE ASYMMETRICAL with the stencil marking the top.

TABLE A: Slot Size & Capacity

Stud spacing	16" (406 mm)	24" (610 mm)
Mounting plate part number	EZP433W	EZP733W
Capacity (Qty. of devices)	(4) EZD33FWS	(7) EZD33FWS
Slot size	12-1/8" x 3-1/8" (308 mm x 80 mm)	21-1/8" x 3-1/8" (537 mm x 80 mm)
Fastener Requirement	ts	
Gypsum board	2" (51 mm) L Type S screws	2" (51 mm) L Type S screws
Fasten to studs	(OPTIONAL)	(REQUIRED)
Masonry	1" X 1/8"masonry screws (25 mm x 3 mm) (OPTIONAL)	1" X 1/8"masonry screws (25 mm x 3 mm) (OPTIONAL)

Option 3 – Large Block Outs in Concrete Floors and Walls

- Form or cut opening to allow gang plate to overlap a minimum 1" (25 mm) on both sides. Fasten gang plates to concrete using 1" long by 1/8" (25 mm x 3 mm) diameter steel masonry screws (See Fig. 9).
- 2. Center desired number of devices within floor or wall assembly and tighten set screws provided with device using Allen wrench supplied.
- Install SpecSeal® Firestop Mortar, mortar or hydraulic cement into void between periphery of opening and device(s) to a minimum depth of 4-1/2" (114 mm) in floors and 6" (152 mm) in walls.

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/combing 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. 10). For installations using single, double, or triple wall plates, or optional positioning clamps, two ground screws are required and are included in these kits.

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 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.







