CB-224 SERIES
Advanced Feature 4-RU Ceiling Boxes
Plenum Rated

FSR
Metal Products Group



FSR ceiling box products meet the Build America Buy America Act (BABAA) and TAA requirements

DESCRIPTION

The CB-224 series is a 2' x 2' high capacity ceiling box designed to fit into a standard 2' x 2' or 2' x 4' drop ceiling.

It features a drop-down 4RU cage for easy installation and mounting of rack equipment. Cable guides for service loops are provided to allow the equipment to be connected in the down position and then slid up into place.

The drop-down cage features pneumatic assistance to counter some of the weight of the equipment installed.

The CB-224 has 5 AC outlets in the box and 1 in the room. A master power switch is accessible from the room.

The 'P' option adds an adapter for projector pole mounting. This allows cabling to pass from inside the ceiling box, down the pole and to the projector, providing a nice clean installation.

The 'S' option adds cooling fans and the Smart Power module. This module allows the power in the box to be either remotely controlled or switched based on the current draw of specific outlets. In this energy saving mode, the power in the box is switched on and off automatically with the projector to conserve power.

The CB-224RKRL optional rack rail hardware kit adds two additional rack spaces at the rear of the CB-224 cage for cable management and mounting of accessories.

There are a variety of accessory internal mounting brackets available including one gang, two gang, six IPS and twelve IPS openings. They can be positioned and mounted as needed using various pilot holes located at the top of the cage.

FEATURES

- *Deeper box design to carry pull-down 4-RU rack cage that is 12" high, and capable of carrying 25 lbs. of electronic equipment*
- *Available in 4 versions, non-pole mount and pole mount, both with or without "smart" electronics.*
- *Pull-down handle*
- *Cable guides*
- *4-RU rack cage with gas-spring assisted ball-bearing slide*
- *Edge-protected bundled cable inlet cavity on each side of the box, filled with flame retardant foam seal.*
- *1"/1.25"/1.50" trade-size knockouts, one set per side of the box, with (2) 0.5"/.75" trade-size KOs for line voltage wiring.*
- *1⅜" clear space on both sides of rack cage when inside the box, to allow for wire bundles.*
- *2-RU of angle-adjustable rack mounting surfaces to facilitate mounting and visibility of 1-RU/2-RU patch panels.*
- *5 internal outlets*
- *1 external outlet*
- *Smart module with Fan (option):*
  Air Flow: 29 CFM at .08 mmHg
  Noise level: 29 dB A weighted

APPLICATIONS

Anywhere a Projector or Display is ceiling mounted

- *Conference centers*
- *General Meeting Facilities*
- *Airports*
- *Schools*
- *Training Facilities*
- *Museums*

NOTE: For use with the common "T" grid drop ceiling systems, not compatible with all drop ceiling systems.

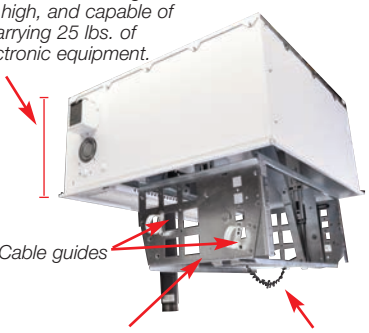
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CB-224

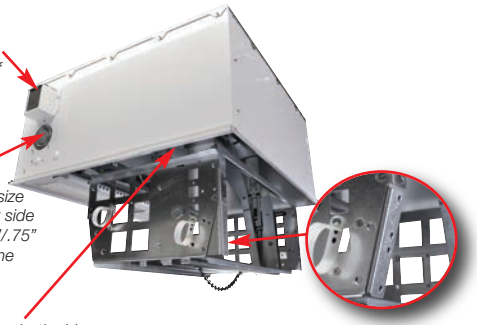
Available in 4 versions: non-pole mount and pole-mount, both with or without "smart" electronics.

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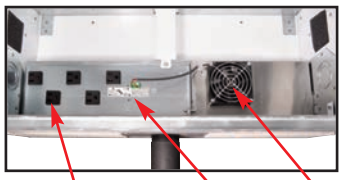
Edge-protected bundled cable inlet cavity on each side of the box, filled with flame retardant foam seal.

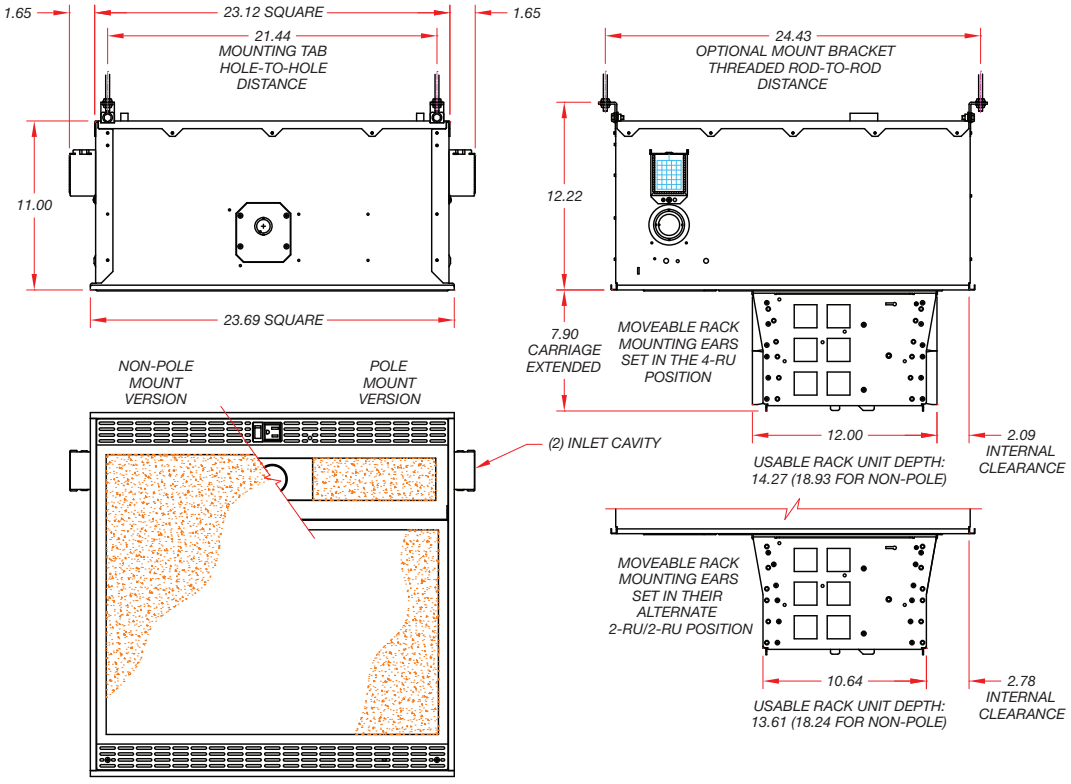
1"/1.25"/1.50" trade-size knockouts, one set per side of the box, with (2) 0.5"/.75" trade-size KOs for line voltage wiring.



1 3/8" clear space on both sides of rack cage when inside the box, to allow for wire bundles.

2-RU of angle-adjustable rack mounting surfaces to facilitate mounting and visibility of 1-RU/2-RU patch panels.





Product weight: 50.30 lbs
Shipping weight: 60.00 lbs.

Optional SG-120HW

The optional SG-120HW is a "Type 2 Surge Protective Device" used to protect branch circuits against damage from electrical transients occurring on the AC line. It provides protection against transients in all 3 modes; Line to Line, Line to Neutral, and Neutral to Ground. A diagnostic LED indicates ground presence, system power and that surge protection is active.



AGENCY APPROVALS

PLENUM RATED: *Conforms to UL 2043: UL Standard for Safety Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces.*

SAFETY RATED: *Conforms to: UL 60950-1: Information Technology Equipment - Safety and certified to CSA 22.2 60950-1: Safety of Information Technology Equipment*

ETL approved and recognized for use in the State of California. Division of State Architect (DSA) suspension approvals must be sought by contractor prior to certain installations.

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Specifications are subject to change without notice.