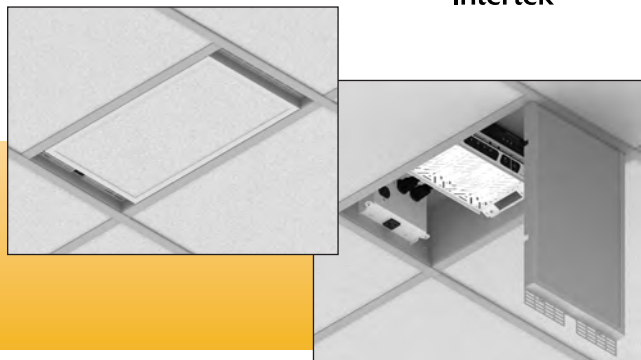


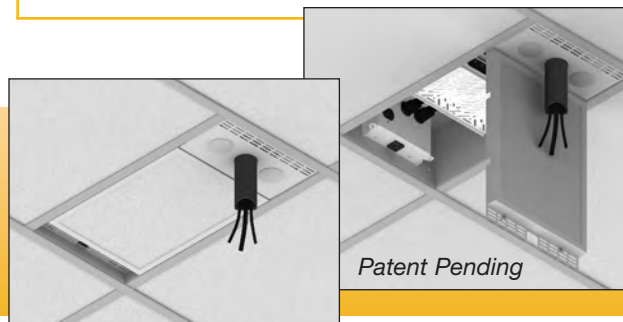
CB SERIES CEILING BOXES



FSR

Metal Products Group

CB SERIES



DESCRIPTION

FSR is providing solutions for your ceilings! Eliminate those unsightly equipment boxes hanging off the projector poles or mounted to your walls ruining the architect's design. These enclosures allow you to conceal your equipment neatly out of site behind a hidden door that allows you to insert matching ceiling tiles. Select from two size ceiling enclosures and numerous options to fit your application. A white rim style door that you insert the ceiling tile into for a matching look is included.

CB-12 – CEILING ENCLOSURE

This 1'x2' enclosure provides an external AC receptacle on the ceiling surface, four (two duplex) additional un-switched AC receptacles inside the enclosure, two shelves (Maximum Load per shelf of 20 lbs each) to mount two half-rack devices for AV equipment and knockouts to allow wiring. An optional fan kit as well as a variety of mounting kits are available.

CB-12P – CEILING ENCLOSURE with Projector Pole Mount

Same as above with the addition of an industry standard 1½" NPT fitting to hang up to a 50 lbs. projector (including mount), while also supporting a maximum load per shelf of 20 lbs each. This female pipe fitting can be located in multiple positions to optimize projector placement.

CB-22 – CEILING ENCLOSURE

This 2'x2' enclosure has ample room for two full rack pieces of equipment or four half-rack pieces on the built-in shelves (Maximum Load per shelf of 20 lbs each). The unit includes an external AC receptacle and a switch/circuit breaker on the ceiling surface, and five AC outlets spaced to allow room for wall warts inside the enclosure. An optional fan kit and a variety of mounting kits are available.

CB-22P – CEILING ENCLOSURE with Projector Pole Mount

Same as above with the addition of an industry standard 1½" NPT fitting to hang up to a 50 lbs. projector (including mount), while also supporting a maximum load per shelf of 20 lbs each. This female pipe fitting can be located in multiple positions to optimize projector placement.

SG-120HW - Type 1 Surge Protective Device

The optional SG-120HW is a UL Listed 1449 "Type 1 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. (See ordering table)

CB-22S – SMART CEILING ENCLOSURE

The CB-22S is a "Smart Enclosure" that features built-in projector state auto-sense which senses the power state of the projector to turn off remaining receptacles when the projector is turned off, thereby eliminating parasitic power consumption. It also includes two monitored un-switched outlets, one on the ceiling surface for projector power. The main switch/circuit breaker and four switched AC outlets are spaced to allow room for wall warts. An integral fan is included. As options, the receptacles can also be triggered by a low voltage contact closure and switching power to all 6 outlets can be accommodated.

CB-22SP – CEILING ENCLOSURE with Projector Pole Mount

Same as above with the addition of an industry standard 1½" NPT fitting to hang up to a 50 lbs. projector (including mount), while also supporting a maximum load per shelf of 20 lbs each.

MOUNTING KIT OPTIONS (for all models):

The **CB-MNT1** cable mounting kit attaches to the four integral mounting tabs attached to the ceiling box exterior. The kit includes four 100" stainless steel cables and four Kwikloc cable adjusters.

The **CB-THRD** threaded rod mounting kit accepts ¼" and 3/8" threaded rod and includes four hanger brackets that mount to the ceiling box with included 1/4-20 hardware.

CB-SR12 and CB-SR22 Frames allow easy mounting of the CB-12 and CB-22 ceiling boxes respectively for installations in drywall. See back.

APPLICATIONS

Anywhere a Projector or Display is ceiling mounted

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

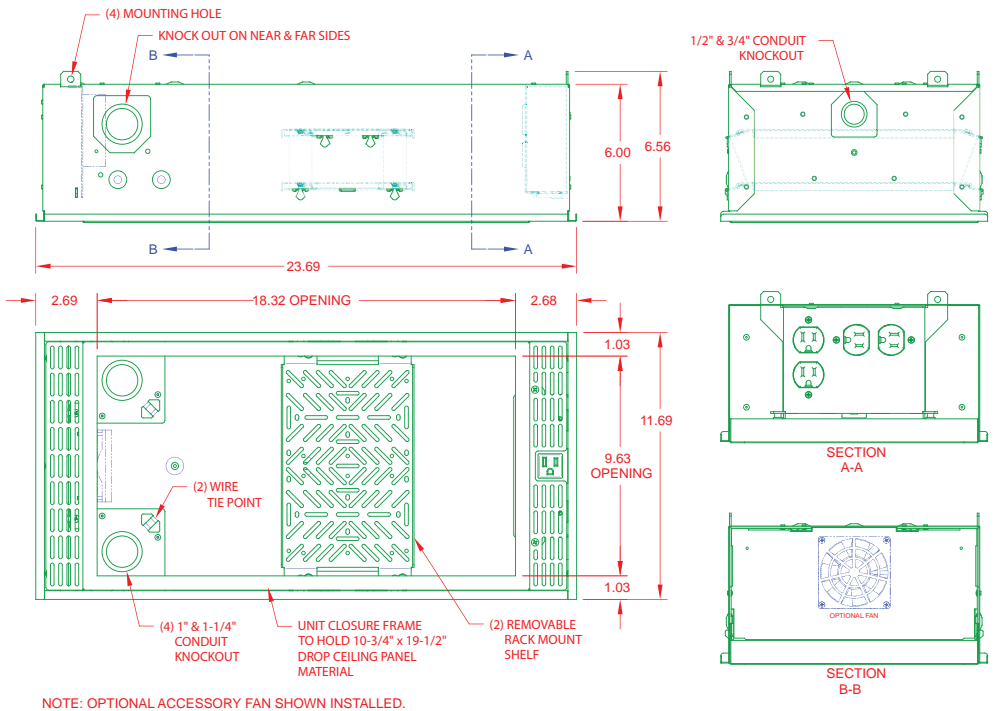
FSR Inc.

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LIT1296J

CB-12 SERIES DIMENSIONS

CB SERIES



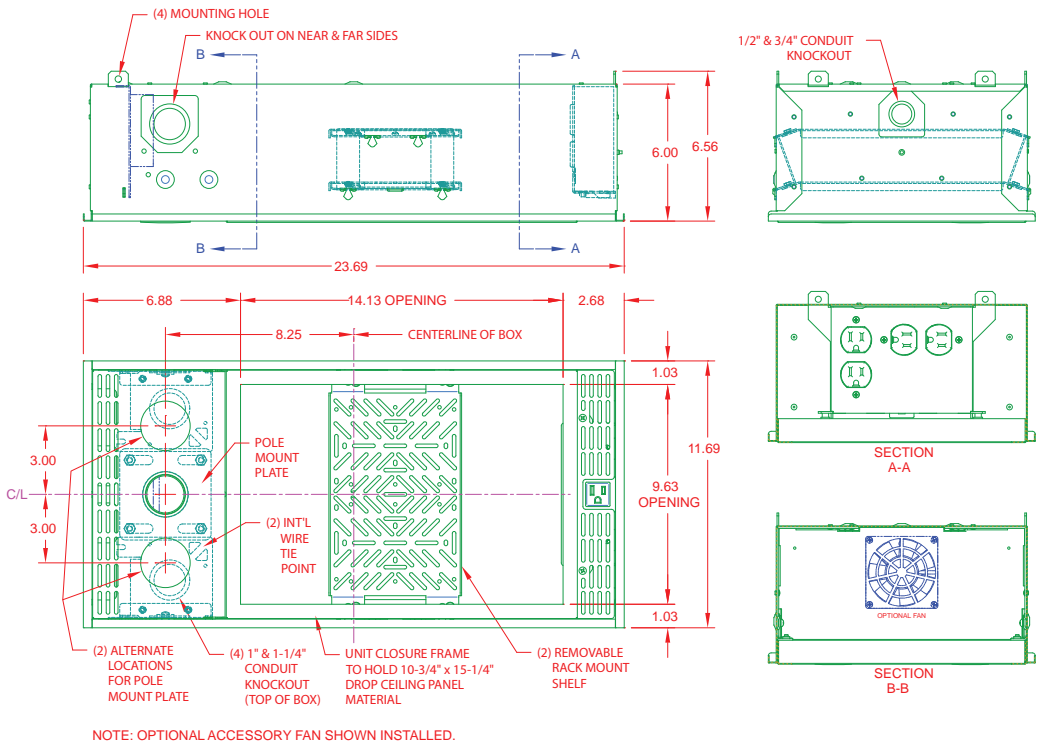
NOTE: OPTIONAL ACCESSORY FAN SHOWN INSTALLED.



Product weight:
12.35 lbs
Shipping weight:
15.70 lbs.

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

CB-12P SERIES DIMENSIONS



NOTE: OPTIONAL ACCESSORY FAN SHOWN INSTALLED.



Product weight:
12.35 lbs
Shipping weight:
15.70 lbs.

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

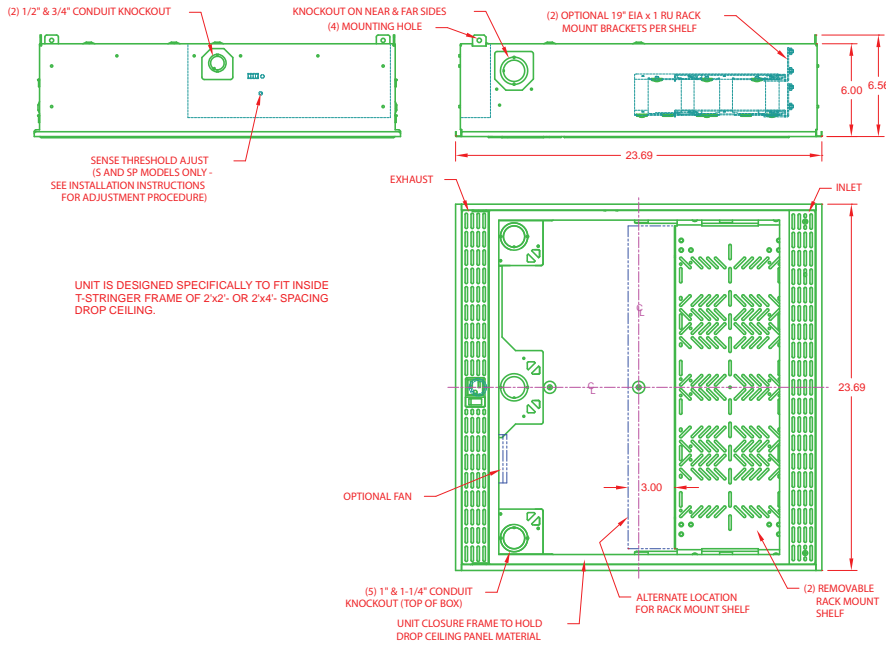
Doing a Large Project?

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.

CB-22 SERIES DIMENSIONS

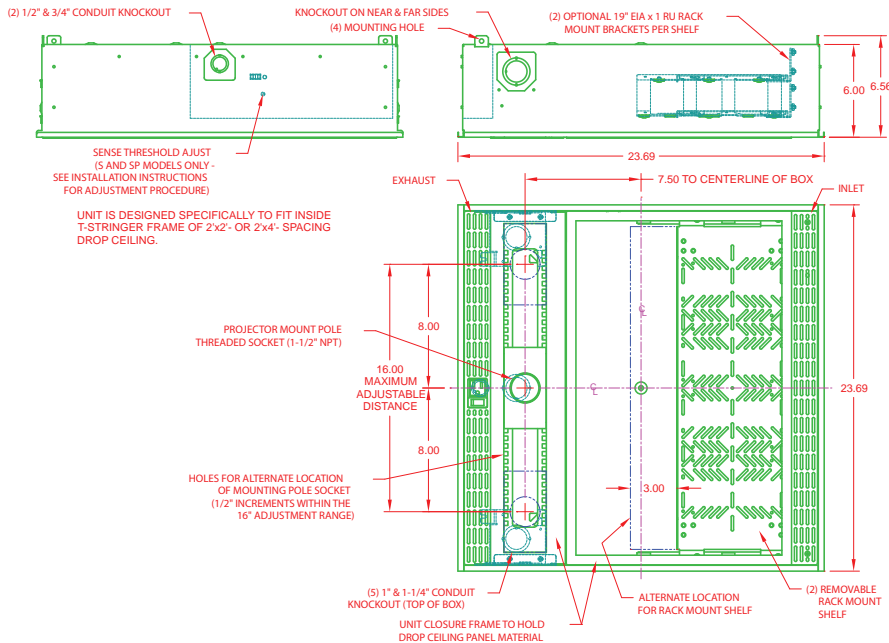


Product weight:
22.50 lbs

Shipping weight:
29.20 lbs.

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

CB-22P SERIES DIMENSIONS



Product weight:
22.50 lbs

Shipping weight:
29.20 lbs.

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

Quantity Pricing Is Available.

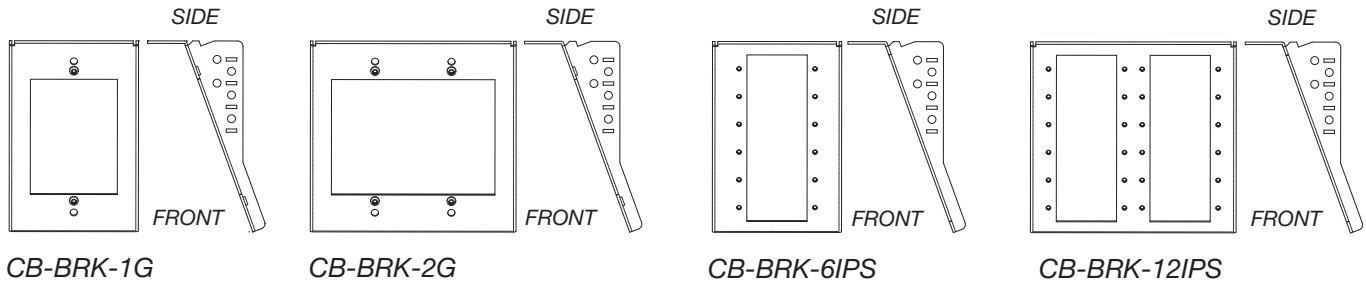
TESTED AND CERTIFIED: All weight capacity specifications tested and certified to a minimum of a 5X safety factor by Tektronix, Inc. an independent testing laboratory.

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.

CEILING BOX ORDERING INFORMATION

MODEL	DESCRIPTION	
CB-12	1'x2' ceiling box with 4 internal + 1 external AC outlet on the ceiling surface	
CB-12P	1'x2' ceiling box with one 1½" NPT female fitting to accept projector pole mounting and 4 internal + 1 external AC outlet on the ceiling surface	
CB-12FAN	Fan kit for CB-12 / 12P 1'x2' ceiling box	
CB-22	2'x2' ceiling box with 6 AC outlets	
CB-22P	2'x2' ceiling box with one 1½" NPT female fitting to accept projector pole mounting and 5 internal + 1 external AC outlet on the ceiling surface	
CB-22FAN	Fan kit for CB-22 / 22P 2'x2' ceiling box	
CB-22S	2'x2' ceiling box with smart AC switching 6 outlets (2 current sensing) integral fan	
CB-22SP	2'x2' ceiling box with one 1½" NPT female fitting to accept projector pole mounting, smart AC switching with 5 internal + 1 external AC outlet on the ceiling surface (2 current sensing), integral fan	
CB-MNT1	Mounting kit including four 100" cables and four KWIKLOCS™	
CB-THRD	Mounting kit for 1/4" and 3/8" threaded rod installation. Includes four hanger brackets and 1/4-20 mounting hardware. (Threaded rod not included)	
CB-BRK-1G	1 Gang Ceiling Box Installation Bracket	Brackets can be "TEK" screwed to internal equipment areas of CB boxes as needed.
CB-BRK-2G	2 Gang Ceiling Box Installation Bracket	
CB-BRK-6IPS	6 IPS Ceiling Box Installation Bracket	
CB-BRK-12IPS	12 IPS Ceiling Box Installation Bracket	
CB-SR12	Drywall Frame for CB-12 1'x2' ceiling box with 5 AC outlets	
CB-SR22	Drywall Frame for CB-22 2'x2' ceiling box with 6 AC outlets	
SG-120HW	Surge Protective Device Type 1 (UL/cUL Listed)	

OPTIONAL INTERNAL BRACKETS

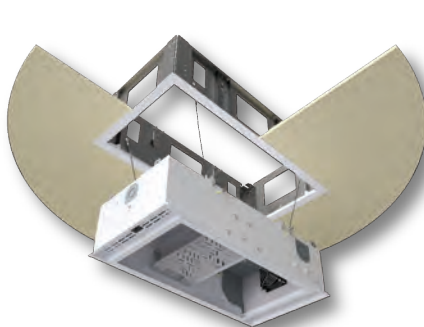


CB-BRK-1G

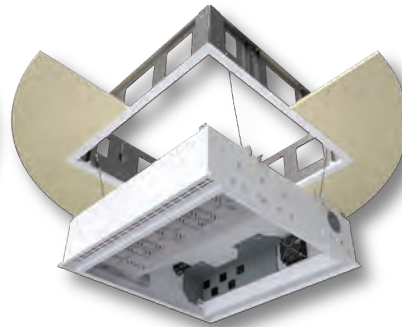
CB-BRK-2G

CB-BRK-6IPS

CB-BRK-12IPS



CB-SR12 with CB-12
(shown in service position)



CB-SR22 with CB-22
(shown in service position)



SG-120HW - Type 1
Surge Protective Device



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