



PRODUCT DESCRIPTION

The 3-CAB series of equipment enclosure backboxes are made of 14-gauge steel and finished with a textured baked grey enamel. The backboxes are designed for semi-flush or surface mounting. Conduit and nail knockouts, keyhole style mounting holes, and wide wiring troughs facilitate quick installation.

Chassis assembly design facilitates separation of power-limited and nonpower-limited circuits inside the backbox by locating power-limited wiring towards the front of the cabinet and nonpower-limited wiring towards the rear.



SPECIFICATIONS

3-CAB7B Dimensions (H x W x D)

Rough-In (See note 1)	23.2 in x 24.0 in x 3.86 in (58.98 cm x 60.9 cm x 9.8 cm)
Finished	
Surface Mounted	25.5 in x 27.34 in x 5.5 in (64.77 cm x 69.4 cm x 14.0 cm)
Semi-Flush Mounted	25.5 in x 27.34 in x 1.65 in (64.77 cm x 69.4 cm x 4.19 cm)

3-CAB14B Dimensions (H x W x D)

Rough-In (See note 1)	35.5 in x 24.0 in x 3.86 in (90.17 cm x 60.9 cm x 9.8 cm)
Finished	
Surface Mounted	37.75 in x 27.34 in x 5.5 in (95.89 cm x 69.4 cm x 14.0 cm)
Semi-Flush Mounted	37.75 in x 27.34 in x 1.65 in (95.89 cm x 69.4 cm x 4.19 cm)

3-CAB21B Dimensions (H x W x D)

Rough-In (See note 1)	47.75 in x 24.0 in x 3.86 in (121.29 cm x 60.9 cm x 9.80 cm)
Finished	
Surface Mounted	50.0 in x 27.34 in x 5.5 in (127.0 cm x 69.4 cm x 14.0 cm)
Semi-Flush Mounted	50.0 in x 27.34 in x 1.65 in (127.0 cm x 69.4 cm x 4.19 cm)

Note:

- 1) Add 1/4" to height and width to allow for knockouts when framing in backbox for semi-flush mounting.

Equipment Capacity

3-CAB7B

Chassis	1 chassis assembly
Batteries	
Model 6V8A	4 max.
Model 12V10A	2 max.
Model 12V17A	2 max.

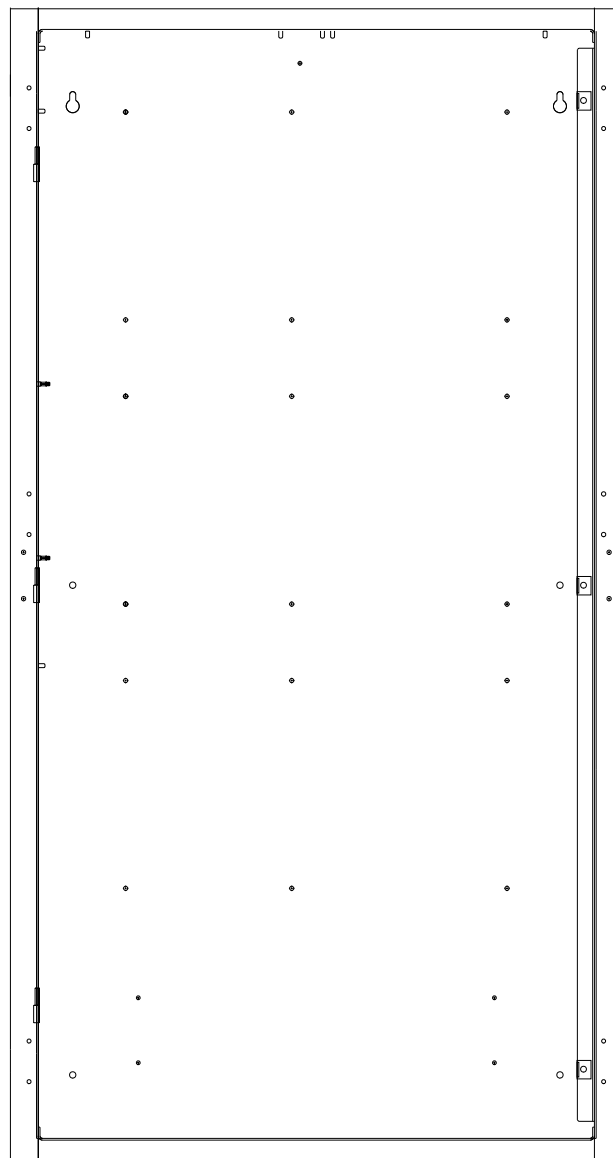
3-CAB14B

Chassis	2 chassis assemblies
Batteries	
Model 6V8A	4 max.
Model 12V10A	2 max.
Model 12V17A	2 max.

3-CAB21B

Chassis	3 chassis assemblies
Batteries	
Model 6V8A	4 max.
Model 12V10A	2 max.
Model 12V17A	2 max.

PRODUCT DIAGRAM



3-CAB21B shown

INSTALLATION SHEET:

3-CAB Series Equipment Enclosure Backboxes

INSTALLATION SHEET P/N: 387557

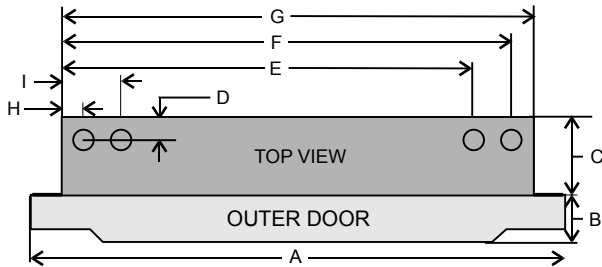
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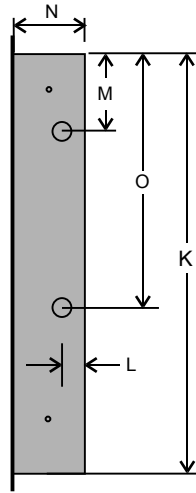
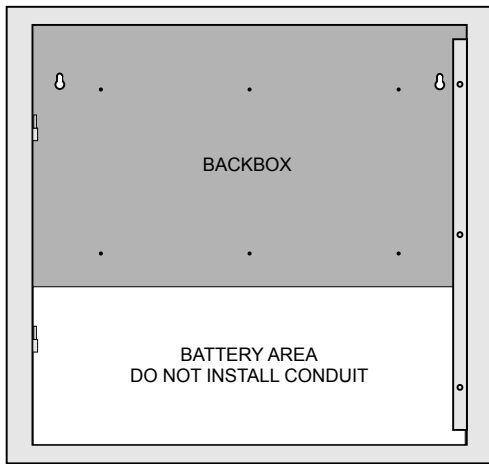
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CABINET INSTALLATION DIMENSIONS



ALL KNOCKOUTS
FOR 3/4-INCH CONDUIT
(1.9 cm)



	3-CAB7B	3-CAB14B	3-CAB21B
A	27.34 in (69.40 cm)	27.34 in (69.40 cm)	27.34 in (69.40 cm)
B	1.65 in (4.19 cm)	1.65 in (4.19 cm)	1.65 in (4.19 cm)
C	3.86 in (9.80 cm)	3.86 in (9.80 cm)	3.86 in (9.80 cm)
D	1.25 in (3.18 cm)	1.25 in (3.18 cm)	1.25 in (3.18 cm)
E	21.0 in (53.34 cm)	21.0 in (53.34 cm)	21.0 in (53.34 cm)
F	22.75 in (57.8 cm)	22.75 in (57.8 cm)	22.75 in (57.8 cm)
G	24.0 in (60.9 cm)	24.0 in (60.9 cm)	24.0 in (60.9 cm)
H	1.25 in (3.18 cm)	1.25 in (3.18 cm)	1.25 in (3.18 cm)
I	3.0 in (7.7 cm)	3.0 in (7.7 cm)	3.0 in (7.7 cm)
J	25.5 in (64.77 cm)	37.75 in (95.89 cm)	50.0 in (127.0 cm)
K	23.2 in (58.98 cm)	35.5 in (90.17 cm)	47.75 in (121.3 cm)
L	1.25 in (3.16 cm)	1.25 in (3.16 cm)	1.25 in (3.16 cm)
M	4.37 in (11.1 cm)	4.37 in (11.1 cm)	4.37 in (11.1 cm)
N	3.86 in (9.80 cm)	3.86 in (9.80 cm)	3.86 in (9.80 cm)
O	14.1 in (35.8 cm)	14.1 in (35.8 cm)	14.1 in (35.8 cm)

POWER-LIMITED AND NONPOWER-LIMITED WIRING REQUIREMENTS

Fire Alarm System wiring is classified as either power-limited or nonpower-limited per NEC Article 760. All power-limited wiring must be separated from all nonpower-limited wiring by a minimum distance of 1/4 in (6 mm). The system enclosures and chassis assemblies are designed such that nonpower-limited wiring is at the left rear of the cabinet and the power-limited wiring is at the front of the cabinet. When installing nonpower-limited wiring, use the feed through notches at the left rear of the chassis. When installing power-limited wiring, use the feed through notches at the right front of the chassis.

