

# Carlton<sup>®</sup> PC New Work Boxes



## Carlton<sup>®</sup> Black Polycarbonate Boxes

Carlton<sup>®</sup> non-metallic boxes feature a rugged polycarbonate construction to withstand extreme temperatures. The boxes will not distort or soften in heat, and they won't become brittle in the cold.

- All Polycarbonate boxes are listed to UL514C
- All Polycarbonate boxes are listed for masonry walls

- Except as indicated, all Polycarbonate boxes are UL Classified for 2 hr. fire wall and/or fire ceiling
- All Polycarbonate boxes meet NEMA OS-2
- All Polycarbonate boxes are permissible for use with 90 degree C conductors
- UL File E11461 and R9140

## Grip-On GO Box<sup>®</sup> Single Gang Outlet Box

- Instead of nails or other fasteners, unique clamps are used to hold the box securely in place. Simply push onto the stud and go
- The GO Box outlet box is removable for easy repositioning
- "Fast-Set" mounting holes enable quick installation of devices
- Perfectly aligned every time
- Perfect for drywall depth
- A locator hole in the mounting bracket helps position the box on marked studs for accurate installation

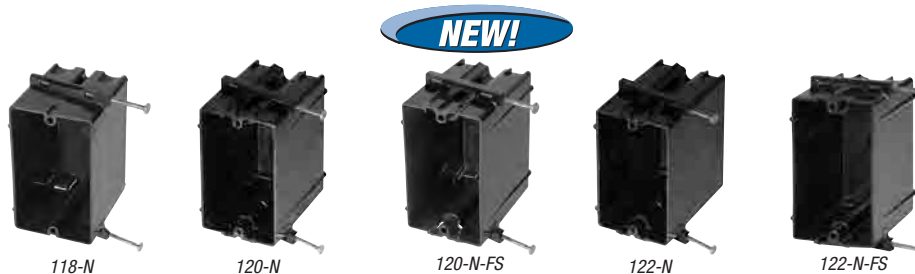
- The GO Box design is UL Listed
- 23.0 cu. in. capacity accommodates large devices and offers easy installation of wiring

It's a whole new ball game for high-volume residential products. That's because the Carlton<sup>®</sup> GO Box<sup>®</sup> product line is one of the most revolutionary labor-saving products ever designed. The GO stands for "Grip-On," and that's exactly how it works. Just push the box onto a stud and the specially designed clamps hold it in place. No tools or fasteners are required, reducing installation time, which means you can move on to the next job. When it comes to lower installed costs, this changes everything!



### One-Gang 23.0 Cu.In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
GO-23	23.0	Grip-On bracket	—	3¾ L x 2¾ W x 2½ D	30
GO-23-FS	23.0	Grip-On bracket	Fast-Set	3¾ L x 2¼ W x 2½ D	30



### One-Gang Nail-On 18.0 - 22.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
118-N	18.0	Angled side nails	—	3¾ L x 2¼ W x 2⅞ D	100
120-N	20.3	Angled side nails	—	3¾ L x 2¼ W x 3¾ D	100
120-N-FS	20.3	Angled side nails	Fast Set	3¾ L x 2¼ W x 3¾ D	100
122-N	22.5	Angled side nails	—	3¾ L x 2¼ W x 3¾ D	100
122-N-FS	22.5	Angled side nails	Fast Set	3¾ L x 2¼ W x 3¾ D	100

Carlton<sup>®</sup> Black Polycarbonate Boxes

United States  
Tel: 901.252.8000  
Fax: 901.252.1354

Technical Services  
Tel: 888.862.3289

Thomas & Betts

www.tnb.com

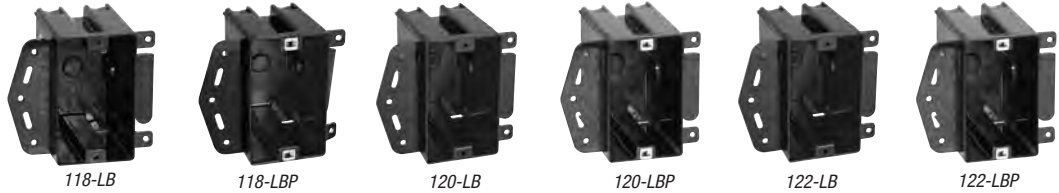




# Carlon<sup>®</sup> PC New Work Boxes

Carlon<sup>®</sup> Black Polycarbonate Boxes

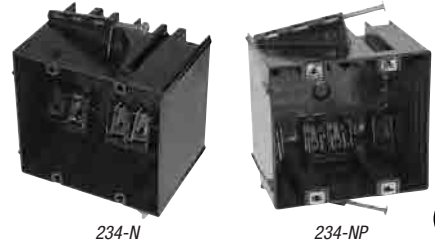
## New Work Boxes



### One-Gang Brackets 18.0 - 22.5 Cu. In.



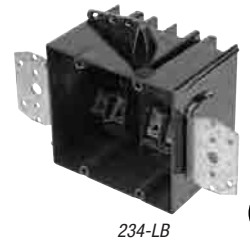
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
118-LB	18.0	Molded side bracket for wood/steel studs	—	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	100
118-LBP	18.0	Molded side bracket for wood/steel studs	POSI-SET <sup>®</sup> Fast Set	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	100
120-LB	20.3	Molded side bracket for wood/steel studs	—	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>9</sup> / <sub>16</sub> D	100
120-LBP	20.3	Molded side bracket for wood/steel studs	POSI-SET <sup>®</sup> Fast Set	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>9</sup> / <sub>16</sub> D	100
122-LB	22.5	Molded side bracket for wood/steel studs	—	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	100
122-LBP	22.5	Molded side bracket for wood/steel studs	POSI-SET <sup>®</sup> Fast Set	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	100



### Two Gang Nail-On 34.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
234-N	34.0	Angled side nails	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 4 W x 3 <sup>3</sup> / <sub>32</sub> D	50
234-NP	34.0	Angled side nails	POSI-WEDGE <sup>®</sup> POSI-SET <sup>®</sup>	3 <sup>3</sup> / <sub>4</sub> L x 4 W x 3 <sup>3</sup> / <sub>32</sub> D	50



### Two Gang Bracket 34.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
234-LB	34.0	Steel side bracket for wood/steel studs	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 4 W x 3 <sup>3</sup> / <sub>32</sub> D	50



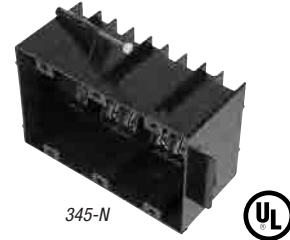
# Carlton<sup>®</sup> PC New Work Boxes



Carlton<sup>®</sup> Black Polycarbonate Boxes

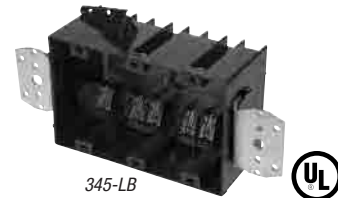
## New Work Boxes

### Three-Gang Nail-On 45.0 Cu.In



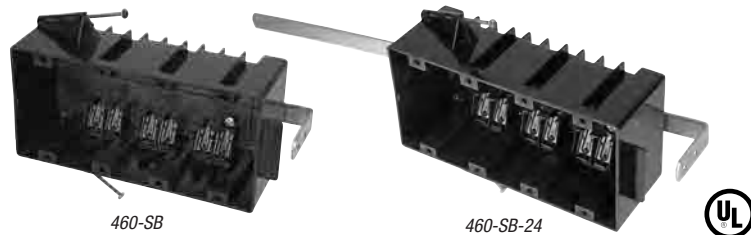
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
345-N	45.0	Angled side nails	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	20

### Three Gang Bracket 45 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
345-LB	45.0	Steel side bracket for wood/steel studs	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	25

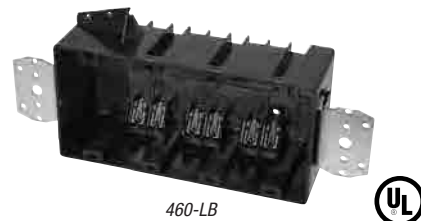
### Four Gang Nail-On 60 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
* 460-SB	60.0	Angled side nails & back bracket	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 7 <sup>9</sup> / <sub>16</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	10
* • 460-SB-24	60.0	Angled side nails & back bracket	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 7 <sup>9</sup> / <sub>16</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	10

- 24" adjustable bracket
- \* Not UL Classified for fire wall and/or fire ceiling.

### Four Gang Bracket 60 Cu. In.



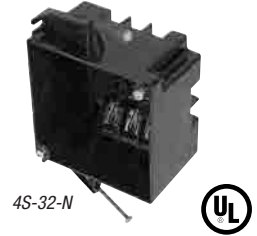
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
* 460-LB	60.0	Steel side brackets for wood/steel studs	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 7 <sup>9</sup> / <sub>16</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	8

- \* Not UL Classified for fire wall and/or fire ceiling.



# Carlton® PC New Work Boxes

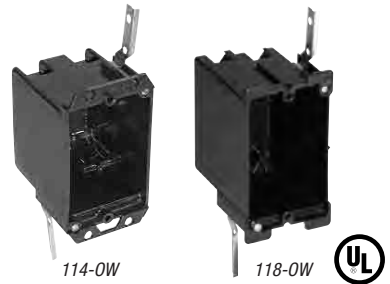
## New Work Box



### 4" Square Boxes 32.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
4S-32-N	32.0	Angled side nails	POSI-WEDGE® cable clamps	4 L x 4 W x 2 <sup>9</sup> / <sub>16</sub> D	50

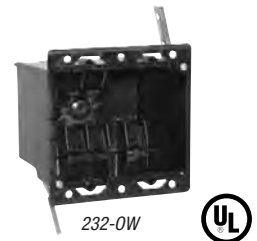
## Old Work Boxes



### One-Gang 14.0 – 18.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
114-OW	14.0	Swing-ear brackets	—	3 <sup>1</sup> / <sub>2</sub> L x 2 <sup>9</sup> / <sub>32</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	50
118-OW	18.0	Swing-ear brackets	—	3 <sup>13</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>32</sub> D	100

### Two-Gang 32.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
232-OW	32.0	Swing-ear brackets	POSI-WEDGE® cable clamps	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 3 <sup>3</sup> / <sub>16</sub> D	50





# Carlson<sup>®</sup> PC New Work Boxes



## Energy-Efficient Vapor Barrier Boxes

Vapor-barrier boxes are designed to meet the energy-efficiency requirements of modern homes. They feature a drywall flange covered with a foam gasket and additional gaskets over the cable entry points. These gaskets provide a vapor-tight seal, preventing the free flow of air through the box. This helps control heating costs in the winter and cooling costs in the summer.

- High strength polycarbonate construction — will not shatter when cold or distort in heat
- V-clamps provide self-clamping cable entry (multi-gang and fan/fixture box)
- 1/2" offset flange to ensure a flush fit in 1/2" drywall
- Angled side nails for rapid installation
- Pre-drilled flanges for additional mounting options



### One-, Two-, Three- and Four-Gang



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
FN-23	22.5	Angled side nails	Vapor barrier	3 <sup>5</sup> / <sub>8</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	50
FN-236-V	36.0	Angled side nails	Vapor barrier	3 <sup>1</sup> / <sub>2</sub> x 4 x 3 <sup>1</sup> / <sub>4</sub> D	50
* FN-354-V	54.0	Angled side nails	Vapor barrier	3 <sup>1</sup> / <sub>2</sub> x 5 <sup>3</sup> / <sub>4</sub> x 3 <sup>1</sup> / <sub>4</sub> D	20
* FN-460-V	60.0	Angled side nails	Vapor barrier	3 <sup>1</sup> / <sub>2</sub> x 7 <sup>1</sup> / <sub>2</sub> x 2 <sup>3</sup> / <sub>4</sub> D	10

\* Not UL Classified for fire wall and/or fire ceiling.

### Ceiling Fixture Box 26.0 Cu.In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
FN-426-C-V	26.0	Angled side nails	Vapor barrier	4 L x 4 W x 2 <sup>3</sup> / <sub>4</sub> D	50

### Ceiling Fan/Fixture 26.0 Cu.In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
FN-CFB	26.0	Angled side nails and #3 bracket	Vapor barrier	4 L x 4 W x 2 <sup>3</sup> / <sub>4</sub> D	50

### Voltage Partition



CAT. NO.	DESCRIPTION	STD. CTN. QTY.
FNP	Voltage partition for NG & FN series multi-gang boxes	50

Carlson<sup>®</sup> Black Polycarbonate Boxes

United States  
Tel: 901.252.8000  
Fax: 901.252.1354

Technical Services  
Tel: 888.862.3289

**Thomas & Betts**

[www.tnb.com](http://www.tnb.com)





# Carlton® PC New Work Boxes

## Energy-Efficient Vapor Barrier Box



CFB-16-F



### Saddle Type Fan/Fixture 16.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
CFB-16-F	16.0	Supplied lag screws	Ceiling fan/fixture	4 L x 4 W x 3 <sup>5</sup> / <sub>16</sub> D	50

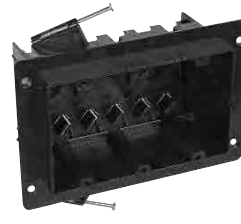
## Universal Flanged Nail-On Boxes



NG-CFB



NG-236-V



NG-354-V



NG-460-V

### Two-, Three- and Four-Gang



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• NG-CFB	26.0	Angle nails and #3 bracket	Ceiling fan/fixture	4 Dia x 2 <sup>3</sup> / <sub>4</sub> D	50
• NG-236-V	36.0	Angled side nails	2-gang wall	3 <sup>1</sup> / <sub>2</sub> L x 4 W x 3 <sup>1</sup> / <sub>4</sub> D	50
• NG-354-V	54.0	Angled side nails	3-gang wall	3 <sup>1</sup> / <sub>2</sub> L x 5 <sup>3</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	20
* • NG-460-V	60.0	Angled side nails	4-gang wall	3 <sup>1</sup> / <sub>2</sub> L x 7 <sup>1</sup> / <sub>2</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	10

• NG Boxes have 1/2" offset wallboard flange and V-type cable entry.

\* Not UL Classified for fire wall and/or fire ceiling.



FNP



### Voltage Partition

CAT. NO.	DESCRIPTION	STD. CTN. QTY.
FNP	Voltage partition for NG & FN series multi-gang boxes	50



# Carlton<sup>®</sup> PC

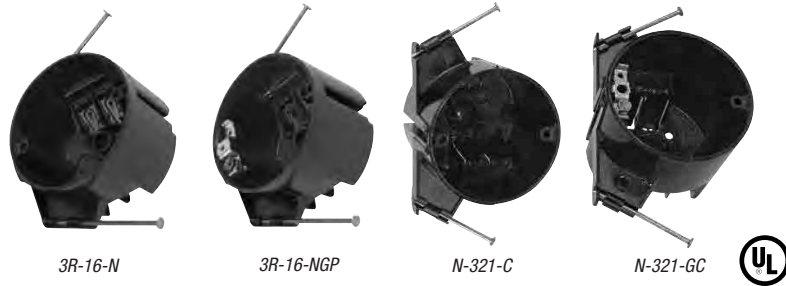
## Ceiling Boxes – New Work



### Ceiling Boxes

All ceiling boxes are produced from a high heat-resistant material developed specifically for fixture support applications.

- Meets NEMA OS-2
- UL Listed to UL 514C



### 3 1/2" Nail-On 16.0 - 20.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 3R-16-N	16.0	Angled nails	POSI-WEDGE <sup>®</sup> cable clamps ground strap installed	3 1/2 Dia. x 2 1/4 D	50
• 3R-16-NGP	16.0	Angled nails	POSI-WEDGE <sup>®</sup> cable clamps	3 1/2 Dia. x 2 1/4 D	50
• N-321-C	20.5	Angled side nails	Molded fast clamps	3 1/2 Dia. x 3 1/8 D	50
• N-321-GC	20.5	Angled side nails	Molded fast clamps ground strap installed	3 1/2 Dia. x 3 1/8 D	50

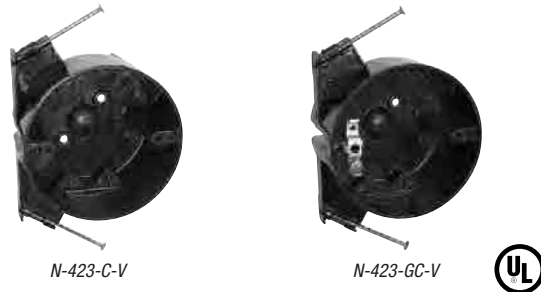
• Listed for fixture support up to 50 lbs.



### 3 1/2" Fire Alarm Nail-On 16.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 3R-16-N-RED	16.0	Angled nails	POSI-WEDGE <sup>®</sup> cable clamps	3 1/2 Dia. x 2 1/4 D	50

• Red ceiling box for fire alarm applications.



### 4" 22.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• N-423-C-V	22.5	Angled side nails	Molded V-clamps ground strap installed	4 Dia. x 2 1/2 D	50
• N-423-GC-V	22.5	Angled side nails	Molded fast clamps	4 Dia. x 2 1/2 D	50

• Listed for fixture support up to 50 lbs.

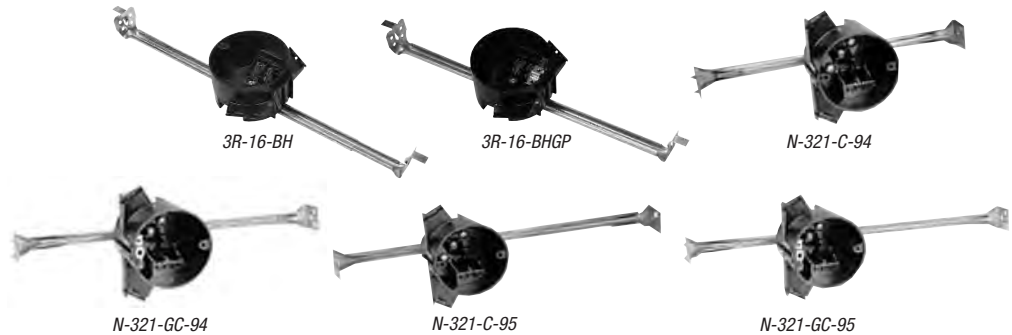
Carlton<sup>®</sup> Black Polycarbonate Boxes

# Carlton® PC

## Ceiling Boxes – New Work

### Ceiling Boxes with Bar Hanger

- Meets NEMA OS-2



### 3 1/2" 20.5 Cu.In



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 3R-16-BH	16.0	Combo Bar 14 <sup>5</sup> / <sub>16</sub> " min - 25" max	POSI-WEDGE® cable clamps	3 1/2 Dia. x 2 1/4 D	25
• 3R-16-BHGP	16.0	Combo Bar 14 <sup>5</sup> / <sub>16</sub> " min - 25" max	POSI-WEDGE® cable clamps ground strap installed	3 1/2 Dia. x 2 1/4 D	25
• N-321-C-94	20.5	16" bar hanger 12 1/4" min.-19" max.	Molded fast clamps	3 1/2 Dia. x 3 1/8 D	50
• N-321-GC-94	20.5	16" bar hanger 12 1/4" min.-19" max.	Molded fast clamps ground strap installed	3 1/2 Dia. x 3 1/8 D	50
• N-321-C-95	20.5	Combo Bar 14 <sup>5</sup> / <sub>16</sub> " min - 25" max	Molded fast clamps	3 1/2 Dia. x 3 1/8 D	50
• N-321-GC-95	20.5	Combo Bar 14 <sup>5</sup> / <sub>16</sub> " min - 25" max	Molded fast clamps ground strap installed	3 1/2 Dia. x 3 1/8 D	50

- Listed for fixture support up to 50 lbs.



### 4" 22.5 Cu.In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• N-423-C-94-V	22.5	16" bar hanger 12 1/4" min.-19" max.	Molded fast clamps	4 Dia. x 2 1/2 D	50
• N-423-GC-94-V	22.5	16" bar hanger 12 1/4" min.-19" max.	Molded fast clamps ground strap installed	4 Dia. x 2 1/2 D	50
• N-423-C-95-V	22.5	Combo Bar 14 <sup>5</sup> / <sub>16</sub> " min - 25" max	Molded fast clamps	4 Dia. x 2 1/2 D	50
• N-423-GC-95-V	22.5	Combo Bar 14 <sup>5</sup> / <sub>16</sub> " min - 25" max	Molded fast clamps ground strap installed	4 Dia. x 2 1/2 D	50

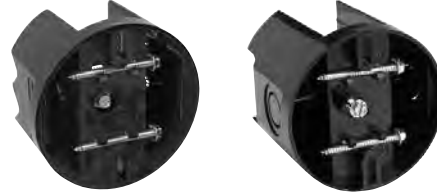
- Listed for fixture support up to 50 lbs.







### Saddle Type Ceiling Fan/Fixture Boxes



CFB-12

CFB-16



#### Saddle Type Fan/Fixture 12.0 – 16.0 Cu.In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DEPTH	STD. CTN. QTY.
• CFB-12	12.0	Lag screws (supplied)	Non-metallic saddle type ceiling fan/fixture box with v-clamps for non-metallic sheathed cable.	2 3/8	50
• CFB-16	16.0	Lag screws (supplied)	Non-metallic saddle type ceiling fan/fixture box with v-clamps for non-metallic sheathed cable and two 1/2" KOs.	3 5/16	50

• Listed for fan and fixture support up to 70 lbs.



Easy press-fit onto the joist. Integrally molded ribs grip the joist and stop the box from falling.



Just one hand is required to mount the box using the pre-located mounting screw.



Integrally molded cable V-clamps provide easy and secure clamping for non-metallic cables.



CFB-16 features 1/2" KOs in addition to V-clamps.

### Pan Boxes



CFB-612

CFBSO-612

CFB-858

CFBSO-858



#### 6.0 - 8.0 Cu.In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
CFB-612	6.0	Lag screws (supplied)	Shallow ceiling fan box with V clamp, round 7/8" dia KO	4 Dia. x 1/2 D	50
CFBSO-612	6.0	Lag screws (supplied)	Shallow ceiling fan box with V clamp, round 7/8" dia KO, and snap on feature	4 Dia. x 5/8 D	50
CFB-858	8.0	Lag screws (supplied)	Shallow ceiling fan box with V clamp, round 7/8" dia KO	4 Dia. x 1/2 D	50
CFBSO-858	8.0	Lag screws (supplied)	Shallow ceiling fan box with V clamp, round 7/8" dia KO, and snap on feature	4 Dia. x 5/8 D	50