

# Carlton® Non-Metallic Switch, Outlet and Ceiling Boxes



**Carlton®**  
**PVC**  
Blue PVC Boxes

**Carlton**  
**SUPERBLUE®**  
PVC Boxes

**Carlton®**  
**PC**  
Black Polycarbonate Boxes  
Vapor Barrier PC Boxes  
Ceiling Boxes

**Carlton®**  
**PH**  
Brown Phenolic Boxes


**Carlton®**  
**LV**  
Orange Low Voltage  
Structured Cable  
Management System  
(SCMS)



# Carlon® Wall Boxes

Carlon® Wall Boxes

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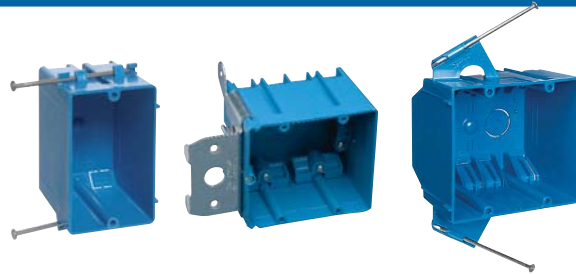
# Carlton® Wall Boxes



**Recognized as the Industry Standard  
in Non-Metallic Boxes**

## Carlton® PVC Carlton® Blue PVC Boxes

Carlton® non-metallic boxes feature PVC construction for easier installation, greater performance, and lower installation cost. Designed and listed for use with non-metallic sheathed cable in accordance with Article 314 of the National Electrical Code®, they make fast work of any residential or light commercial application.

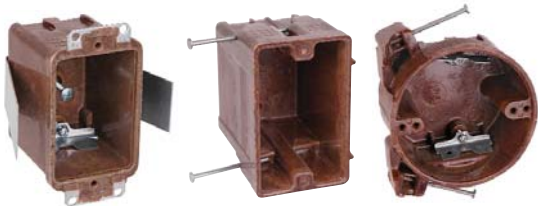
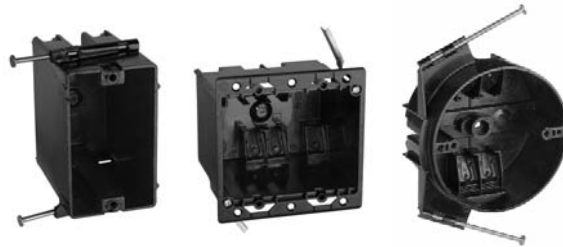


## Carlton SUPERBLUE® Carlton SuperBlue® Boxes

Carlton Super Blue® provides all of the desired features of a PVC box with the strength and durability of the heavy wall boxes. Rigid enough not to flex when nailed to a stud and strong enough to withstand a hammer blow in cold temperatures

## Carlton® PC Carlton® Black Polycarbonate Boxes

Carlton® 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.

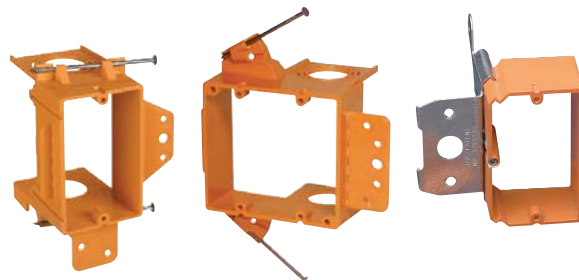


## Carlton® PH Carlton® Brown Phenolic Boxes

New Fire Rating! Carlton® phenolic boxes can be installed in the same stud cavity of a shared two-hour wall. They may also face opposite directions with only a 3" horizontal separation — ideal for multi-family construction!

## Carlton® LV Carlton® Orange Structured Cable Management System

Carlton® structured cable management system (SCMS) is designed for general purpose low voltage residential wire and cable management. This series of boxes and brackets are accompanied by a corrugated conduit system and accessories to future proof your home.



Carlton® Wall Boxes



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Technical Services  
Tel: 888.862.3289

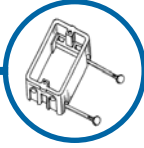
**Thomas & Betts**

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# Carlton® Wall Boxes

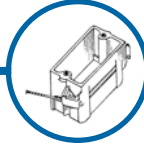
Carlton® Wall Boxes

## Bottom Nailed



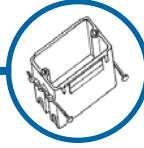
Most widely accepted for universal use

## Compound Angled Nails



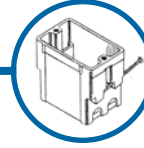
For easy installation and positioning in limited space

## Reverse Angled Side Nails



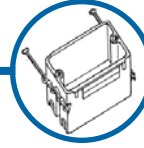
For use when installed from backside of drywall

## Recessed Angle Nails



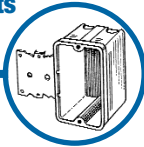
For quick positioning on narrow stud spacing

## Angled Side Nails



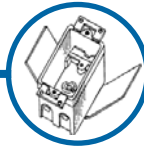
For quick positioning on narrow stud spacing

## SB, #5, #7 Offset Brackets



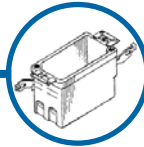
For face mount on wood or steel studs

## Ears, #8 Bracket



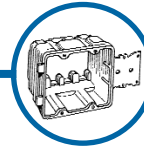
Snap-in bracket secures box to wall

## Ears, #4 Bracket



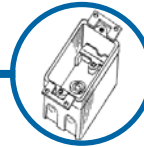
Swing bracket swings into place secures box to wall

## #738 Offset Bracket



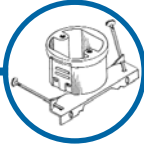
With 3/8" offset for face mount on wood or steel studs

## Ears



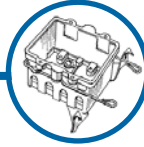
For screw mounting direct to paneling

## "N" Bracket



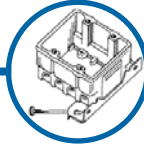
Easily positioned for maximum use of box depth

## #2 Bracket



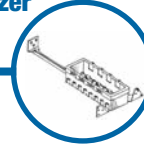
Sturdy side mounting bracket, support wire adds rigidity

## "R" Bracket



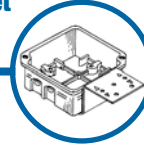
Reverse angled nails for use with narrow stud spacing

## Side Bracket Stabilizer Bar



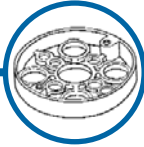
Bar extends for rigid installation between studs

## #1 Raised Face Bracket



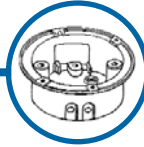
For wood or steel studs, allows for 1/2" mud ring, 1/2" drywall

## Nails or Screws



Through bottom

## Screw Mount



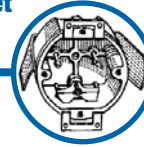
Flange with flash ring

## Compound Angled Side Nails



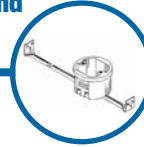
For easy installation and positioning in limited place

## Screws, #9 Snap-in Bracket



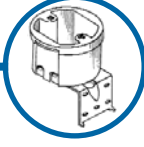
Snap-in bracket secures box to wall

## #94, #95 Bar Hangers (16" and 24")



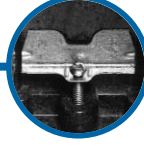
For easy installation, exact centering of ceiling boxes

## #3 Bracket



Easily positioned for maximum use of box depth

## High Clamp Feature



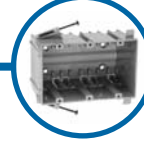
For easy cable entry

## Fast Set Feature



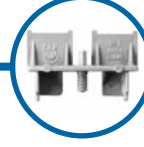
For fast device mounting

## Angled Screws



For fast mounting on steel stud

## Non-Metallic Clamp



For easy cable entry



# Carlton® PVC New Work Boxes



Carlton® Blue PVC Boxes

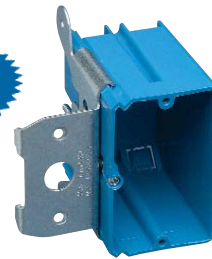
**Carlton® Blue PVC Boxes** Carlton® non-metallic boxes feature PVC construction for easier installation, greater performance, and lower installation cost. Designed and listed for use with non-metallic sheathed cable in accordance with Article 314 of the National Electrical Code®, they make fast work of any residential or light commercial application.

- All PVC boxes are listed to UL514C
- All PVC boxes are listed for masonry walls
- All PVC boxes are UL Classified for 2 hr. fire wall and/or fire ceiling
- All PVC boxes meet NEMA OS-2
- All PVC boxes are permissible for use with 90 degree C conductors
- UL File E11461 and R9140

## One-Gang Adjustable

- Patented design allows for adjustment from 0" to 1<sup>3</sup>/<sub>4</sub>" after installation
- Ideal for new work or retrofit upgrade applications
- Backless low voltage bracket and floor box designs available
- Ideal for various drywall thicknesses and wall finishes

**CARLON  
EXCLUSIVE**



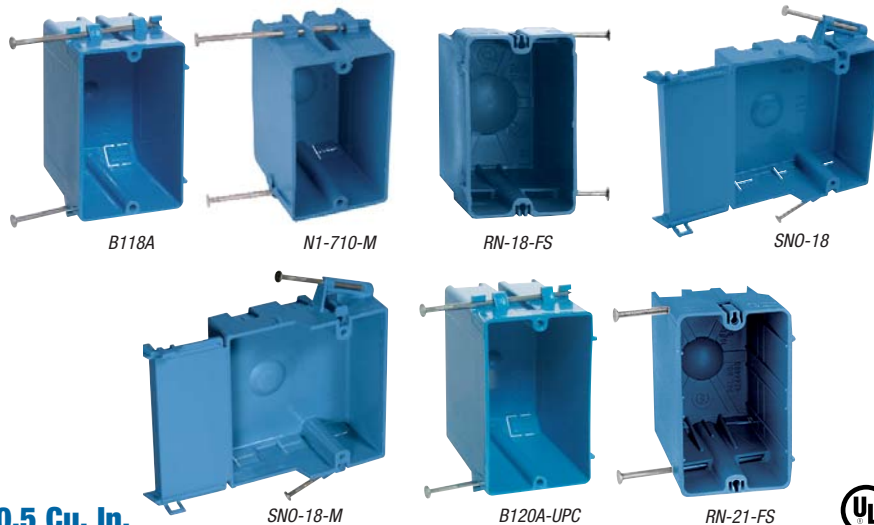
B121ADJ



## One-Gang Adjustable 21.0 Cu. In

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B121ADJ	21.0	Adjustable bracket	Adjusts 0" - 1 <sup>3</sup> / <sub>4</sub> "	3.65 L x 2.25 W x 3.32 D	24

## One-Gang Nail-On



## One-Gang Nail-On 18.0 - 20.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B118A	18.0	Captive nails	-	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
N1-710-M	18.0	Reverse angled side nails	7 <sup>3</sup> / <sub>32</sub> " offset wallboard tabs	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>1</sup> / <sub>16</sub> D	100
RN-18-FS	18.0	Recessed angled nails	Fast set	3 <sup>2</sup> / <sub>32</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 D	100
SNO-18	18.0	Angled side nails	Hinge closure	4 <sup>1</sup> / <sub>16</sub> L x 2 <sup>5</sup> / <sub>16</sub> opening 3 <sup>7</sup> / <sub>8</sub> overall W x 1 <sup>3</sup> / <sub>4</sub> D	100
SNO-18-M	18.0	Angled side nails	Locating tab hinge closure 3 <sup>1</sup> / <sub>16</sub> " offset wall board tabs	4 <sup>1</sup> / <sub>16</sub> L x 2 <sup>5</sup> / <sub>16</sub> opening 3 <sup>7</sup> / <sub>8</sub> overall W x 1 <sup>3</sup> / <sub>4</sub> D	100
B120A-UPC	20.0	Captive nails	-	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	100
RN-21-FS	20.5	Recessed angled nails	Fast set	3 <sup>2</sup> / <sub>32</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 <sup>3</sup> / <sub>8</sub> D	100



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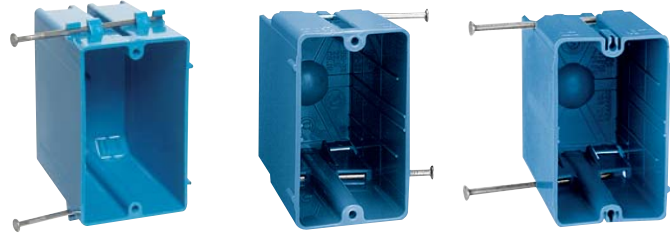


# Carlton<sup>®</sup> PVC

## New Work Boxes

Carlton<sup>®</sup> Blue PVC Boxes

### One-Gang Nail-On



B122A-UPC

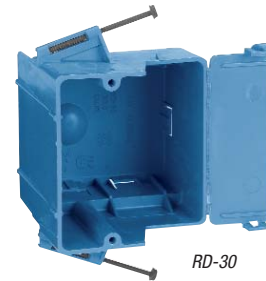
RN-23

RN-23-FS



### One-Gang Nail-On 22.0 - 22.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B122A-UPC	22.0	Captive nails	—	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	100
RN-23	22.5	Recessed angled nails	—	3 <sup>2</sup> / <sub>32</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 <sup>3</sup> / <sub>8</sub> D	100
RN-23-FS	22.5	Recessed angled nails	Fast set	3 <sup>2</sup> / <sub>32</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 <sup>3</sup> / <sub>8</sub> D	100



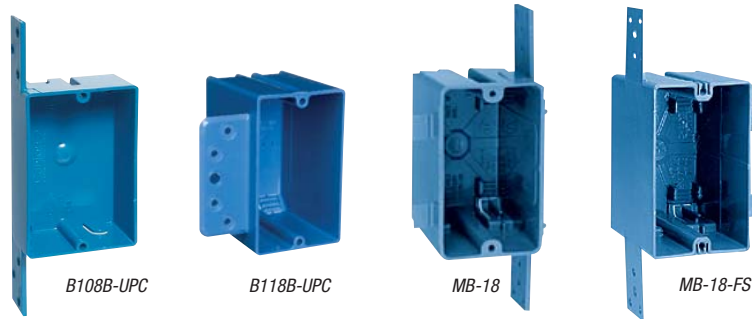
RD-30



### One-Gang Nail-On 30.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
RD-30	30.0	Recessed angled nails	Large KO for #6 or #8 cable	3 <sup>11</sup> / <sub>16</sub> L x 2 <sup>5</sup> / <sub>16</sub> opening 3 <sup>7</sup> / <sub>8</sub> overall W x 3 <sup>5</sup> / <sub>8</sub> D	50

### One-Gang Brackets



B108B-UPC

B118B-UPC

MB-18

MB-18-FS



### One-Gang Brackets 8.0 - 18.0 Cu.In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B108B-UPC	8.0	Bracket	—	3 <sup>5</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W 1 <sup>1</sup> / <sub>4</sub> D	25
B118B-UPC	18.0	Bracket for 3/8" to 5/8" wallboard – steel and wood stud mounting	—	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>15</sup> / <sub>16</sub> D	50
• MB-18	18.0	Molded side bracket for wood/steel studs	1/2" depth gage Lever clamps	3 <sup>2</sup> / <sub>32</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 2 <sup>15</sup> / <sub>16</sub> D	100
• MB-18-FS	18.0	Molded side bracket for wood/steel studs	Fast set	3 <sup>2</sup> / <sub>32</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 2 <sup>15</sup> / <sub>16</sub> D	100

• Manufactured housing — MB-18 and MB-18-FS.



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



Carlson<sup>®</sup> Blue PVC Boxes

## Two-Gang Adjustable

- Patented design allows for adjustment from 0" to 1<sup>3</sup>/<sub>4</sub>" after installation
- Ideal for new work or retrofit upgrade applications
- Backless low voltage bracket and floor box designs available
- Ideal for various drywall thicknesses and wall finishes

**CARLON  
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B234ADJ



B234ADJC



## Two-Gang Adjustable 34.0 Cu. In

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B234ADJ	34.0	Adjustable bracket	Adjusts 0" - 1 <sup>3</sup> / <sub>4</sub> "	3.65 L x 4.00 W x 3.00 D	16
B234ADJC	34.0	Adjustable bracket	Large 220V knockout	3.65 L x 4.00 W x 3.00 D	16

## Two-Gang Nail-On



B232A-UPC



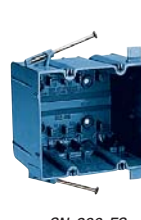
N2-1614-MNC



N2-1614-RNC



SN-236



SN-236-FS



SN-236-V



SN-241



SN-241-FS



## Two-Gang Nail-On 32.0 - 41.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B232A-UPC	32.0	Captive nails	—	3 <sup>3</sup> / <sub>4</sub> L x 4 W x 3 D	50
N2-1614-MNC	32.0	Angled side nails	7 <sup>3</sup> / <sub>32</sub> " offset wallboard tabs Cable-Lok™ clamps bulk packed	4 <sup>1</sup> / <sub>16</sub> L x 3 <sup>5</sup> / <sub>8</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	50
N2-1614-RNC	32.0	Angled side nails	No wallboard tabs Cable-Lok™ clamps bulk packed	4 <sup>1</sup> / <sub>16</sub> L x 3 <sup>5</sup> / <sub>8</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	50
SN-236	36.0	Compound angled nails	3 <sup>8</sup> / <sub>8</sub> " offset wallboard tabs molded fast clamp	4 L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
SN-236-FS	36.0	Compound angled nails	3 <sup>8</sup> / <sub>8</sub> " offset wallboard tabs molded fast clamp/fast set	4 L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
SN-236-V	36.0	Compound angled nails	3 <sup>8</sup> / <sub>8</sub> " offset wallboard tabs molded V-clamp	4 L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
SN-241	41.0	Compound angled nails	3 <sup>8</sup> / <sub>8</sub> " offset wallboard tabs molded fast clamp	4 L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	50
SN-241-FS	41.0	Compound angled nails	3 <sup>8</sup> / <sub>8</sub> " offset wallboard tabs molded fast clamp/fast set	4 L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	50

## Two-Gang Bracket



B232B-UPC



SB2-236-FS



## Two-Gang Bracket 32.0 - 36.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B232B-UPC	32.0	Bracket for 3 <sup>7</sup> / <sub>8</sub> " to 5 <sup>7</sup> / <sub>8</sub> " wallboard – steel or wood stud mounting	—	3 <sup>3</sup> / <sub>4</sub> L x 4 W x 3 D	50
SB2-236-FS	36.0	Two 3 <sup>8</sup> / <sub>8</sub> " offset brackets for wood/steel studs	3 <sup>8</sup> / <sub>8</sub> " offset	3 <sup>9</sup> / <sub>16</sub> L x 4 W x 3 <sup>9</sup> / <sub>16</sub> D	20

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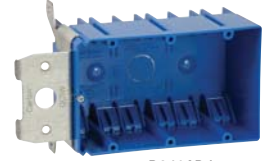


# Carlton<sup>®</sup> PVC New Work Boxes

## Three-Gang Adjustable

- Patented design allows for adjustment from 0" to 1<sup>3</sup>/<sub>4</sub>" after installation
- Ideal for new work or retrofit upgrade applications
- Backless low voltage bracket and floor box designs available
- Ideal for various drywall thicknesses and wall finishes

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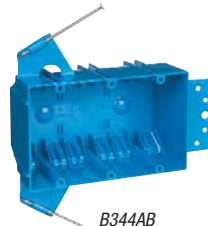
B349ADJ



### Three-Gang Adjustable 49.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B349ADJ	49.0	Adjustable bracket	Adjusts 0" - 1 <sup>3</sup> / <sub>4</sub> "	5 <sup>13</sup> / <sub>16</sub> L x 3 <sup>5</sup> / <sub>8</sub> W x 3 D	16

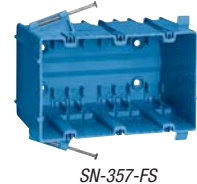
## Three-Gang Nail-On



B344AB



SN-357



SN-357-FS



### Three-Gang Nail-On 44.0 - 56.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B344AB	44.0	Captive nails and bracket support	—	5 <sup>5</sup> / <sub>8</sub> L x 3 <sup>3</sup> / <sub>4</sub> W x 2 <sup>11</sup> / <sub>16</sub> D	30
SN-357	56.5	Compound angled nails	3/8" offset wallboard tabs molded Fast Clamp	5 <sup>13</sup> / <sub>16</sub> L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>7</sup> / <sub>16</sub> D	20
SN-357-FS	56.5	Compound angled nails	3/8" offset wallboard tabs molded Fast Clamps/Fast Set	5 <sup>13</sup> / <sub>16</sub> L x 3 <sup>5</sup> / <sub>8</sub> W x 3 <sup>7</sup> / <sub>16</sub> D	20

## Three-Gang Bracket



SB-357



SB2-357-FS



### Three-Gang Bracket 56.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
SB-357	56.5	One 3/8" offset bracket for wood/steel studs	3/8" wallboard tabs molded Fast Clamps	3 <sup>5</sup> / <sub>8</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 3 <sup>7</sup> / <sub>16</sub> D	30
SB2-357-FS	56.5	Two 3/8" offset brackets for wood/steel studs	3/8" wallboard tabs molded Fast Clamps/Fast Set	3 <sup>5</sup> / <sub>8</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 3 <sup>7</sup> / <sub>16</sub> D	20

Carlton<sup>®</sup> Blue PVC Boxes



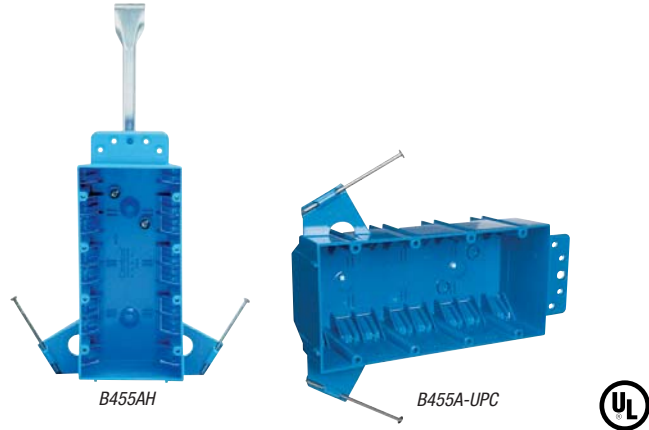


# Carlton<sup>®</sup> PVC New Work Boxes



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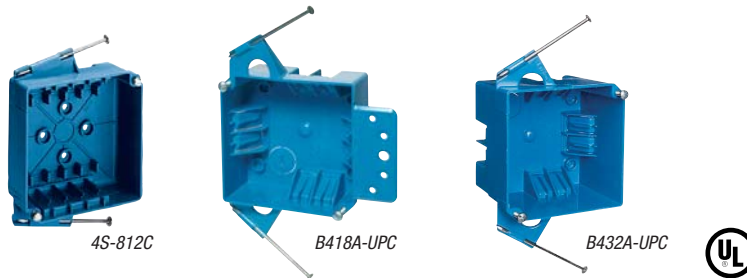
## Four-Gang Nail-On



### Four-Gang Nail-On 55 Cu.In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B455AH	55.0	Captive nails, bracket support and hanger bar	—	7 <sup>3</sup> / <sub>5</sub> L x 3 <sup>7</sup> / <sub>10</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	25
B455A-UPC	55.0	Captive nails and bracket support	—	7 <sup>3</sup> / <sub>5</sub> L x 3 <sup>7</sup> / <sub>10</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	25

## 4" Square



### 4" Square 18.0 - 32.0 Cu. In

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
4S-812C	18.0	Angled side nails	—	4 L x 4 W x 1 <sup>7</sup> / <sub>16</sub> D	100
B418A-UPC	18.0	Captive nails and molded bracket	—	4 L x 4 W x 1 <sup>5</sup> / <sub>8</sub> D	75
B432A-UPC	32.0	Captive nails	—	4 L x 4 W x 2 <sup>5</sup> / <sub>8</sub> D	50

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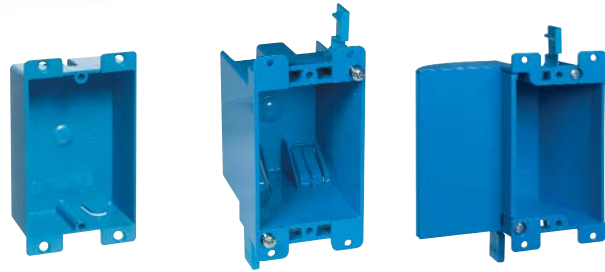




# Carlton<sup>®</sup> PVC Old Work Boxes

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## One-Gang



B108R-UPC

B114R-UPC

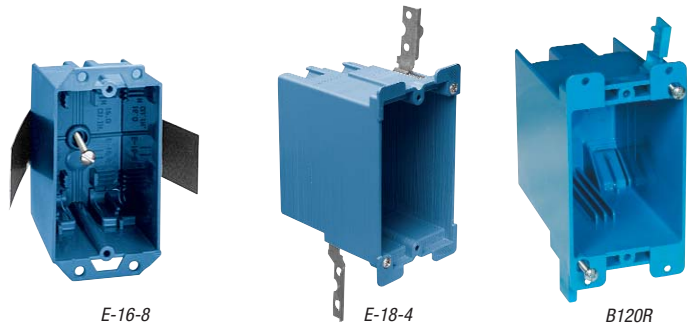
B117RSW



### One-Gang 8.0 - 17.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B108R-UPC	8.0	Mounting ears	—	3 <sup>5</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 1 <sup>1</sup> / <sub>4</sub> D	25
B114R-UPC	14.0	Mounting ears and swing clamps	Integral Clamps	4 <sup>1</sup> / <sub>8</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	50
• B117RSW	17.0	Mounting ears and swing clamps	Access panel	3.64 L x 4.07 W x 2.00 D (2.20" opening)	30

• Not UL Classified for Fire Resistance



E-16-8

E-18-4

B120R



### One-Gang 16.0 - 20.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
E-16-8	16.0	Thermoplastic molded ears #8 snap in	Molded fast clamps	3 <sup>1</sup> / <sub>2</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>1</sup> / <sub>16</sub> D	50
E-18-4	18.0	Thermoplastic molded ears #4 swing brackets	Integral molded V-clamp	3 <sup>25</sup> / <sub>32</sub> L x 2 <sup>7</sup> / <sub>32</sub> W x 3 D	100
B120R	20.0	Mounting ears and swing bracket	Integral clamps	4 <sup>1</sup> / <sub>8</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	50



# Carlton<sup>®</sup> PVC Old Work Boxes



## Two-Gang



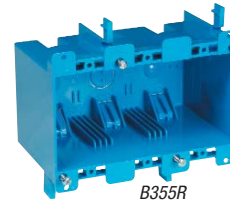
B225R-UPC



### Two-Gang 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B225R-UPC	25.0	Mounting ears and 2 swing clamps	Integral clamps	3 <sup>15</sup> / <sub>16</sub> L x 3 <sup>1</sup> / <sub>8</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	30

## Three-Gang



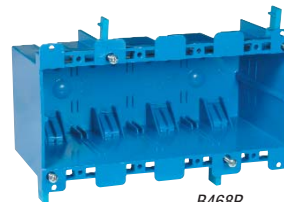
B355R



### Three-Gang 55.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B355R	55.0	Mounting ears and 2 swing clamps	Integral clamps	5.72 L x 2.79 W x 3.69 D	6

## Four-Gang



B468R



### Four-Gang 68.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
B468R	68.0	Mounting ears and 2 swing clamps	Integral clamps	7.57 L x 2.89 W x 3.56 D	6

• Not UL Classified for Fire Resistance

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# Carlton<sup>®</sup> PVC

## Ceiling Boxes – New Work

Carlton<sup>®</sup> Blue PVC Boxes



B518A-UPC



B518P-UPC



### 3/0 18 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• B518A-UPC	18.0	Captive nails	Integral clamps	3 Dia. x 2 <sup>3</sup> / <sub>4</sub> D	75
• B518P-UPC	18.0	Captive nails	Ground lug and screw attached; integral clamps	3 Dia. x 2 <sup>3</sup> / <sub>4</sub> D	75

• Listed for fixture support up to 50 lbs.



B520A-UPC



B520P-UPC



B620L-UPC



B720R-SHK

35 lbs. maximum fan weight



### 3/0 - 4/0 Combination 20 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• B520A-UPC	20.0	Captive nails	Fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3"; 6 integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	75
• B520P-UPC	20.0	Captive nails	Ground lug and screw attached; fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "; 6 integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	75
• B620L-UPC	20.0	Metal L bracket	Fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "; 6 integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	100
• B720R-SHK	20.0	Mounting screws	6 integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	18

• Listed for fixture support up to 50 lbs.



# Carlson<sup>®</sup> PVC

## Ceiling Boxes – New Work



### Ceiling Boxes with Bar Hanger



Carlson<sup>®</sup> Blue PVC Boxes

### 3/0 - 4/0 Combination 20.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• B620DC	20.0	24" T-Grid bar hanger	Ceiling box fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	6
• B620H-UPC	20.0	11.50" - 18.50" adjustable bar hanger	Ceiling box fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "; integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	75
• B620HG-UPC	20.0	11.50" - 18.50" adjustable bar hanger	Ceiling box fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "; ground lug and screw attached; integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	75
• B620K	20.0	14.38" - 22.50" adjustable bar hanger	Ceiling box fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "; integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	75
• B620KG-UPC	20.0	14.38" - 22.50" adjustable bar hanger	Ceiling box fixture spacing for 2 <sup>3</sup> / <sub>4</sub> " and 3 <sup>1</sup> / <sub>2</sub> "; ground lug and screw attached; integral clamps	4 Dia. x 2 <sup>1</sup> / <sub>4</sub> D	75

• Listed for fixture support up to 50 lbs.

### Old Work



### 4" Round 18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS	STD. CTN. QTY.
• B618R-UPC	18.0	Swing clamps	Integral clamps	4 <sup>1</sup> / <sub>4</sub> Dia. x 2 <sup>5</sup> / <sub>8</sub> D	100
• B618RP-UPC	18.0	Swing clamps	Integral clamps; ground lug	4 <sup>1</sup> / <sub>4</sub> Dia. x 2 <sup>5</sup> / <sub>8</sub> D	100

• Not listed for fixture support in ceilings



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# Carlon SUPERBLUE<sup>®</sup> SuperBlue™ Boxes

Carlon SuperBlue<sup>®</sup> PVC Boxes

## Carlon SuperBlue<sup>®</sup> Boxes

combine the features of the hard shell thermoset box and the thermoplastic PVC style box to create a “new” rigid non-metallic wiring box. Molded out of specially formulated thermoplastic material, Carlon SuperBlue<sup>®</sup> boxes are so strong they won't crack or break in extreme environments. So rigid, they resist flexing and hold their shape even in the worst applications. The boxes are designed to nest inside each other

to take up less space on the shelf or in the truck, while still providing the largest wirefill capacity in their class.

- All PVC boxes are listed to UL514C
- All PVC boxes are listed for masonry walls
- All PVC boxes are UL Classified for 2 hr. fire wall and/or fire ceiling
- All PVC boxes meet NEMA OS-2
- All PVC boxes are permissible for use with 90 degree C conductors
- UL File E11461 and R9140

### New Work

#### One-Gang 22.0 Cu.In.



BH122A-UPC



BH122S



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
BH122A-UPC	22.0	Nails	One-gang	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>3</sup> / <sub>4</sub> D	100
BH122S	22.0	Screws	One-gang	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>3</sup> / <sub>4</sub> D	100



BH235A



BH235S



#### Two-Gang 35.0 Cu.In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
BH235A	35.0	Nails	Two-gang; integral clamps	3 <sup>7</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	48
BH235S	35.0	Screws	Two-gang; integral clamps	3 <sup>7</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	48

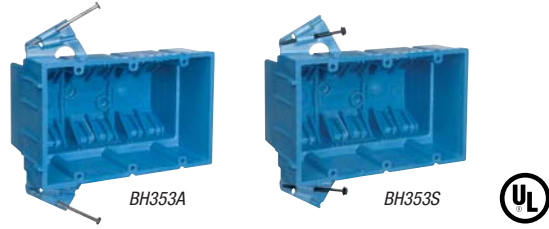


# Carlton SUPERBLUE<sup>®</sup> SuperBlue™ Boxes



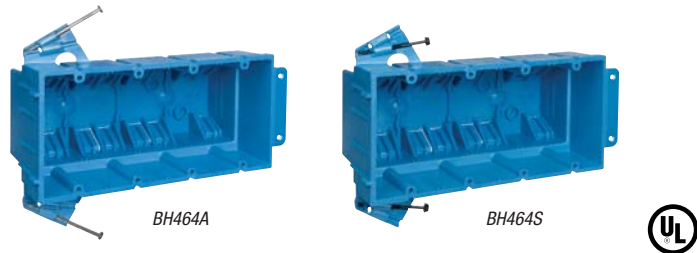
## New Work

### Three-Gang 53 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
BH353A	53.0	Nails	Three-gang; integral clamps	5 <sup>7</sup> / <sub>8</sub> L x 3 <sup>3</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	24
BH353S	53.0	Screws	Three-gang; integral clamps	5 <sup>7</sup> / <sub>8</sub> L x 3 <sup>3</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	24

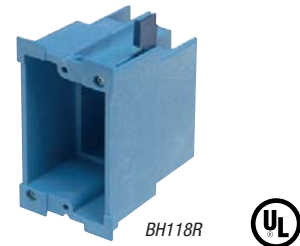
### Four-Gang 64 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
BH464A	64.0	Nails and molded bracket	Four-gang; integral clamps	7 <sup>3</sup> / <sub>4</sub> L x 3 <sup>7</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	24
BH464S	64.0	Screws and molded bracket	Four-gang; integral clamps	7 <sup>3</sup> / <sub>4</sub> L x 3 <sup>7</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	24

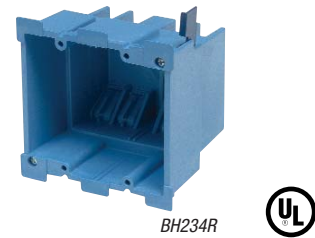
## Old Work

### One-Gang 18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
BH118R	18.0	Mounting ears & swing clamps	One-gang; integral clamps	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	36

### Two-Gang 34.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
BH234R	34.0	Mounting ears & swing clamps	Two-gang; integral clamps	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>5</sup> / <sub>8</sub> D	18

Carlton SuperBlue<sup>®</sup> PVC Boxes





# Carlton SUPERBLUE<sup>®</sup> SuperBlue™ Boxes

Carlton SuperBlue<sup>®</sup> PVC Boxes

## Ceiling Boxes



BH525A-UPC



BH525P



### 3/0-4/0 Combination 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• BH525A-UPC	25.0	Nails	Integral clamps	4 Dia. x 3.00 D	48
• BH525P	25.0	Nails	Integral clamps; ground lug and screw attached	4 Dia. x 3.00 D	24

• Listed for fixture support up to 50 lbs.



BH525L



### Fan Box 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• BH525L	25.0	L bracket and nails	Integral clamps	4 Dia. x 3.00 D	24
• BH525LP	25.0	L bracket and nails	Integral clamps; ground lug and screw attached	4 Dia. x 3.00 D	24

• Listed for fan support up to 35 lbs. and fixture support up to 50 lbs.



BH525H



### Ceiling Box with Hanger Bar 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• BH525H	25.0	Hanger bar 11 1/2" to 18 1/2"	Integral clamps	4 Dia. x 3.00 D	20
• BH525HP	25.0	Hanger bar 11 1/2" to 18 1/2"	Integral clamps; ground lug and screw attached	4 Dia. x 3.00 D	20

• Listed for fixture support up to 50 lbs.



BH614R



BH614RP



### 3 1/2" 14.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
•† BH614R	14.5	Base, ears & snap-in bracket	Round old/new work box	3 1/2 Dia. x 2 3/8 D	24
•† BH614RP	14.5	Base, ears & snap-in bracket	Round old/new work box w/ground lug	3 1/2 Dia. x 2 3/8 D	24

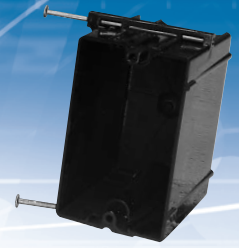
• Listed for wall fixture support up to 10 lbs.

† Tighten screws to 10 in.-lbs.





# 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

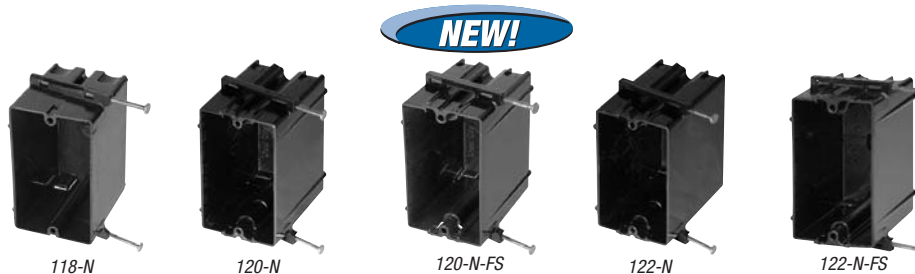
- The GO Box design is UL Listed
- 23.0 cu. in. capacity accommodates large devices and offers easy installation of wiring

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

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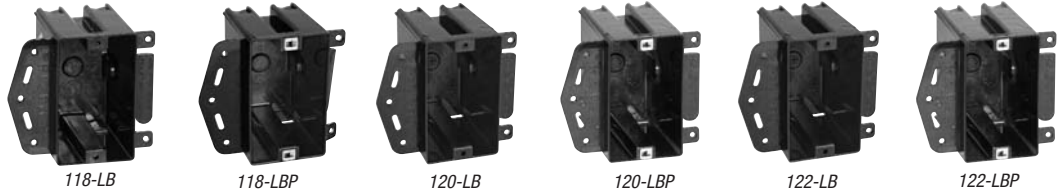




# Carlon<sup>®</sup> PC New Work Boxes

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

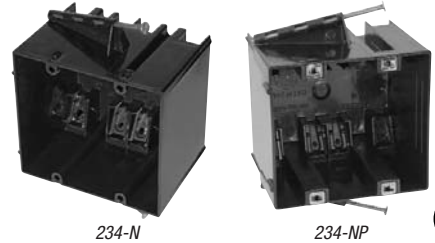
## New Work Boxes



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



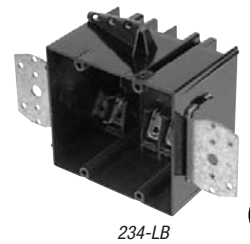
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
118-LB	18.0	Molded side bracket for wood/steel studs	—	3 <sup>3</sup> / <sub>4</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	100
118-LBP	18.0	Molded side bracket for wood/steel studs	POSI-SET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

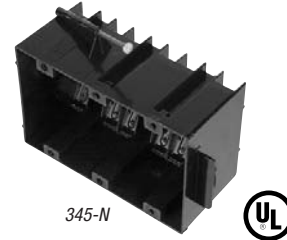


# Carlton<sup>®</sup> PC New Work Boxes



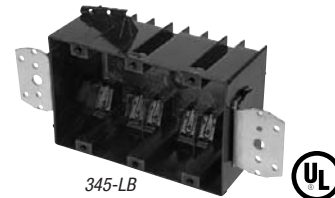
## New Work Boxes

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



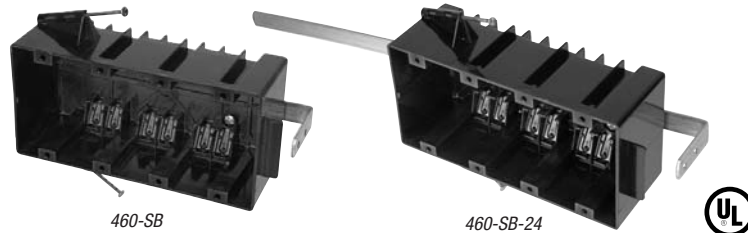
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
345-N	45.0	Angled side nails	POSI-WEDGE <sup>®</sup> cable clamps	3 <sup>3</sup> / <sub>4</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	20

### 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

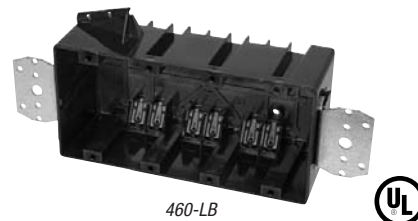
### Four Gang Nail-On 60 Cu. In.



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

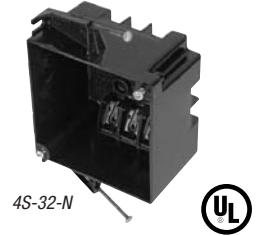
- \* Not UL Classified for fire wall and/or fire ceiling.

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



# Carlton® PC New Work Boxes

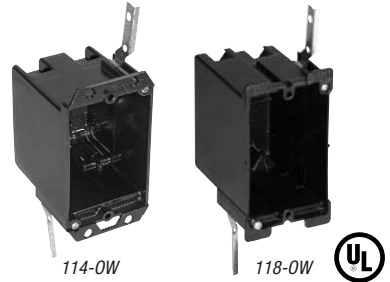
## New Work Box



### 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

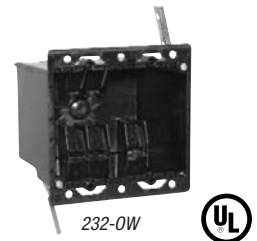
## Old Work Boxes



### 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





# Carlon<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



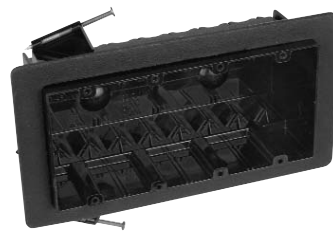
FN-23



FN-236-V



FN-354-V



FN-460-V

### 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.



FN-426-C-V



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.

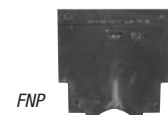


FN-CFB



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



FNP



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

Carlon<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



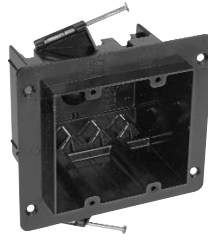
### Saddle Type Fan/Fixture 16.0 Cu. In.

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

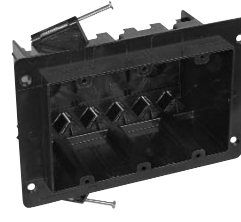
## Universal Flanged Nail-On Boxes



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

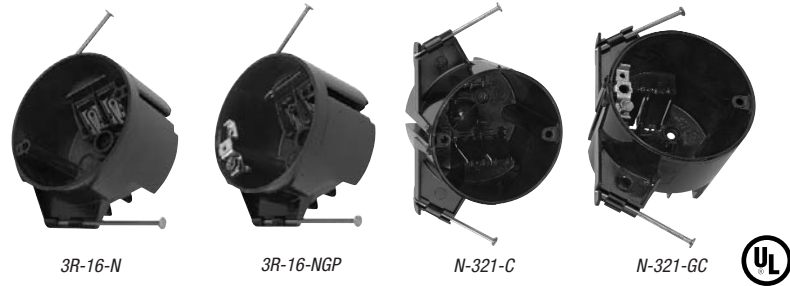




### Ceiling Boxes

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

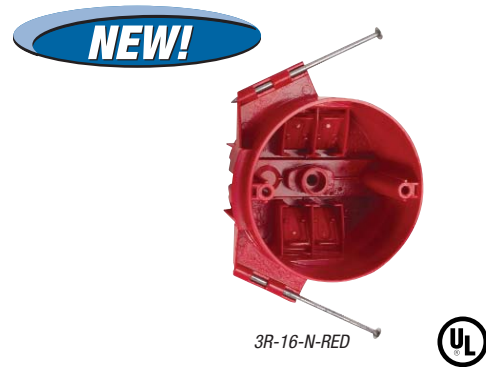
- Meets NEMA OS-2
- UL Listed to UL 514C



### 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® cable clamps ground strap installed	3 1/2 Dia. x 2 1/4 D	50
• 3R-16-NGP	16.0	Angled nails	POSI-WEDGE® 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

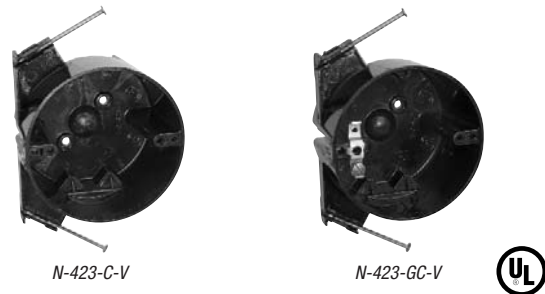
• Listed for fixture support up to 50 lbs.



### 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® 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.

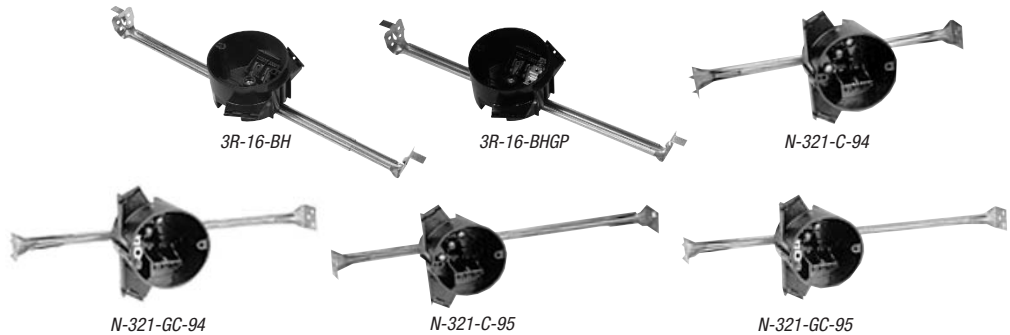


# Carlton® PC

## 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



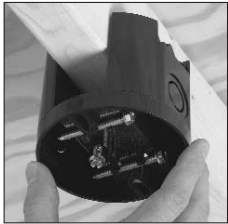
CFB-16



#### 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



# Carlon® PH

## New Work Boxes

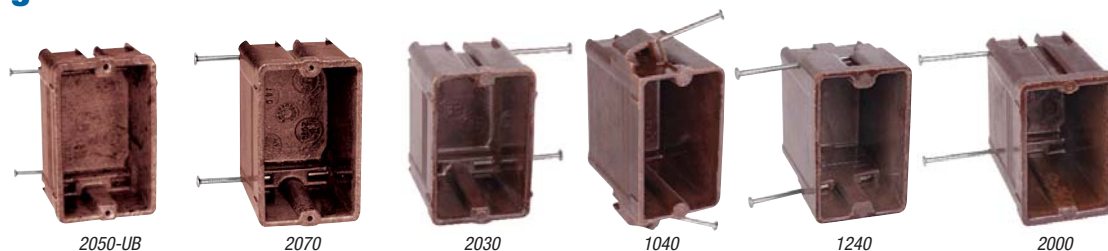
Carlon® Brown Phenolic Boxes

### Carlon® Brown Phenolic Boxes

New Fire Rating! Carlon® phenolic boxes can be installed in the same stud cavity of a shared two-hour wall. They may also face opposite directions with only a 3" horizontal separation — ideal for multi-family construction!

- All Phenolic boxes are listed to UL514C
- All Phenolic boxes are listed for masonry walls
- All Phenolic boxes are UL Classified for 2 hr. fire wall and/or fire ceiling
- All Phenolic boxes meet NEMA OS-2
- All Phenolic boxes are permissible for use with 90 degree C conductors
- UL File E11461 and R9140

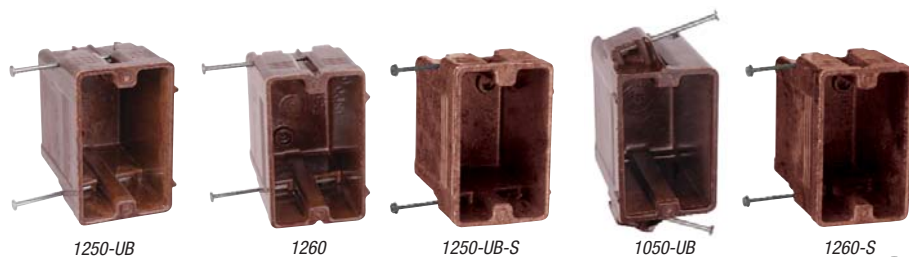
#### One-Gang Nail On



#### One-Gang Nail On 9.0 – 18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
2050-UB	9.0	Bottom nails	—	3 <sup>9</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 1 <sup>13</sup> / <sub>16</sub> D	100
2070	14.0	Bottom nails	—	3 <sup>9</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>5</sup> / <sub>8</sub> D	100
2030	16.0	Bottom nails	—	3 <sup>9</sup> / <sub>16</sub> L x 2 <sup>15</sup> / <sub>32</sub> W x 2 <sup>13</sup> / <sub>16</sub> D	100
1040	18.0	Compound angled nails	—	3 <sup>9</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	100
1240	18.0	Recessed angled nails	—	3 <sup>11</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>5</sup> / <sub>16</sub> D	100
2000	18.0	Bottom nails	"Classic"	3 <sup>11</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	100



#### One-Gang Nail On 20.3 – 22.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
1250-UB	20.3	Recessed angled nails	—	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>3</sup> / <sub>8</sub> D	100
1250-UB-S	20.3	Recessed angled tech screws for wood or steel studs	—	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>3</sup> / <sub>8</sub> D	100
1050-UB	21.0	Compound angled nails	—	3 <sup>9</sup> / <sub>8</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>2</sub> D	50
1260	22.5	Recessed angled nails	—	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>21</sup> / <sub>32</sub> D	50
1260-S	22.5	Recessed angled tech screws for wood or steel studs	—	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>21</sup> / <sub>32</sub> D	50

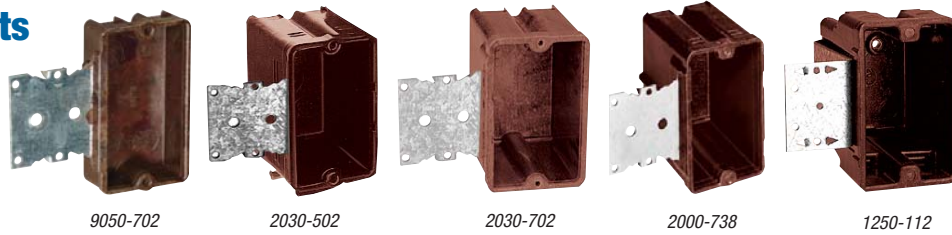


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## One-Gang Brackets



9050-702

2030-502

2030-702

2000-738

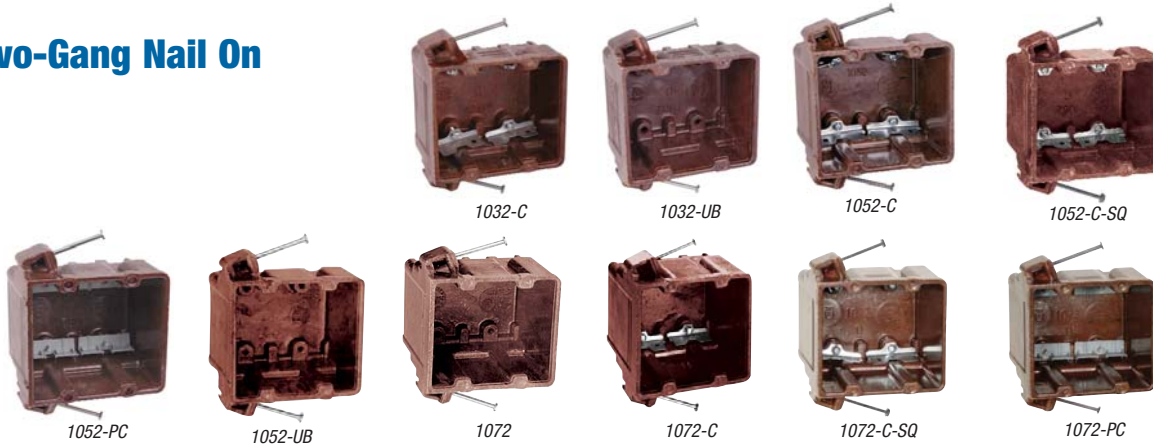
1250-112

## One-Gang Brackets 5.0 – 20.3 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
9050-702	5.0	1/4" offset bracket for wood/steel studs	—	3 <sup>1</sup> / <sub>16</sub> L x 2 <sup>1</sup> / <sub>8</sub> W x 1 D	100
2030-502	16.0	1/2" offset bracket for wood/steel studs	—	3 <sup>5</sup> / <sub>8</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	100
2030-702	16.0	1/4" offset bracket for wood/steel studs	—	3 <sup>5</sup> / <sub>8</sub> L x 2 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	100
2000-738	18.0	3/8" offset bracket for wood/steel studs	—	3 <sup>5</sup> / <sub>8</sub> L x 2 <sup>5</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	100
1250-112	20.3	1/2" offset bracket for wood/steel studs	—	3 <sup>7</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>3</sup> / <sub>8</sub> D	50

## Two-Gang Nail On



1032-C

1032-UB

1052-C

1052-C-SQ

1052-PC

1052-UB

1072

1072-C

1072-C-SQ

1072-PC

## Two-Gang Nail On 27.5 – 40.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
1032-C	27.5	Compound angled nails	High clamps	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 2 <sup>11</sup> / <sub>16</sub> D	50
1032-UB	27.5	Compound angled nails	#36 clamps bulk packed	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 2 <sup>11</sup> / <sub>16</sub> D	50
1052-C	32.5	Compound angled nails	High clamps	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
1052-C-SQ	32.5	Compound angled nails	High clamps with #2 Sq+Ph combo head screw	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
1052-PC	32.5	Compound angled nails	Non-metallic clamps	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
1052-UB	32.5	Compound angled nails	#36 clamps bulk packed	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>1</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>8</sub> D	50
1072	40.5	Compound angled nails	#36 clamps bulk packed	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>32</sub> W x 3 <sup>7</sup> / <sub>8</sub> D	50
1072-C	40.5	Compound angled nails	High clamps	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>32</sub> W x 3 <sup>7</sup> / <sub>8</sub> D	50
1072-C-SQ	40.5	Compound angled nails	High clamps with #2 Sq+Ph combo head screw	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>32</sub> W x 3 <sup>7</sup> / <sub>8</sub> D	50
1072-PC	40.5	Compound angled nails	Non-metallic clamps	3 <sup>5</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>32</sub> W x 3 <sup>7</sup> / <sub>8</sub> D	50

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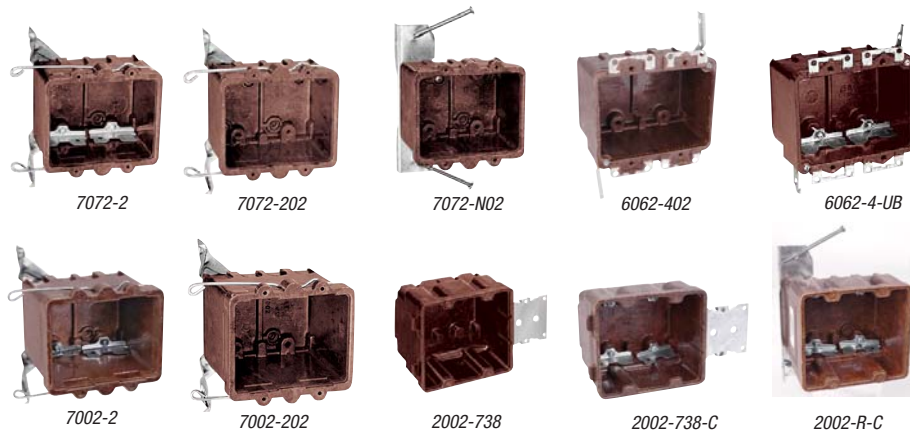




# Carlton® PH New Work Boxes



## Two-Gang Brackets



### Two-Gang Brackets 24.0 – 34.0 Cu. In.

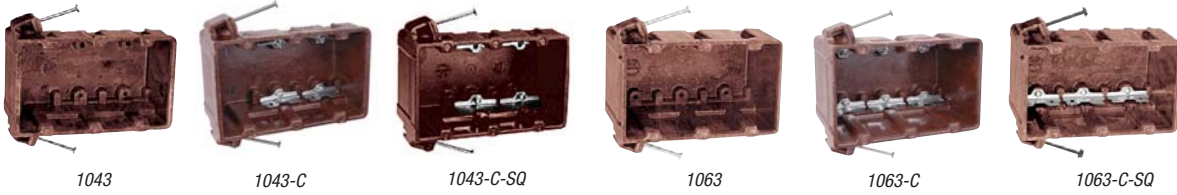


CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
7072-2	24.0	#2 bottom bracket and wire support	High clamps	3 <sup>5</sup> / <sub>16</sub> L x 4 W x 2 <sup>3</sup> / <sub>4</sub> D	50
7072-202	24.0	#2 bottom bracket and wire support	#36 clamps bulk packed	3 <sup>5</sup> / <sub>16</sub> L x 4 W x 2 <sup>3</sup> / <sub>4</sub> D	50
7072-N02	24.0	"N" bracket	#36 clamps bulk packed	3 <sup>5</sup> / <sub>16</sub> L x 4 W x 2 <sup>3</sup> / <sub>4</sub> D	50
6062-402	25.0	Ears, #4 swing bracket	#36 clamps bulk packed	3 <sup>3</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>16</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	50
6062-4-UB	25.0	Ears, #4 swing bracket	High clamps	3 <sup>3</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>16</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	50
6062-4-UB-SQ	25.0	Ears, #4 swing bracket	High clamps with #2 Sq+Ph combo head screw	3 <sup>3</sup> / <sub>8</sub> L x 4 <sup>3</sup> / <sub>16</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	50
7002-2	32.5	#2 bottom bracket and wire support	High clamps	3 <sup>1</sup> / <sub>4</sub> L x 4 W x 3 <sup>5</sup> / <sub>8</sub> D	50
7002-202	32.5	#2 bottom bracket and wire support	#36 clamps bulk packed	3 <sup>1</sup> / <sub>4</sub> L x 4 W x 3 <sup>5</sup> / <sub>8</sub> D	50
2002-738	34.0	3/8" offset brackets for wood/steel studs	3/8" Offset wallboard tabs & #36 clamps bulk packet	3 <sup>11</sup> / <sub>16</sub> L x 4 <sup>3</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	50
2002-738-C	34.0	3/8" offset brackets for wood/steel studs	3/8" Offset wallboard tabs & high clamps	3 <sup>11</sup> / <sub>16</sub> L x 4 <sup>3</sup> / <sub>16</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	50
2002-R-C	34.0	"R" bracket	High clamps	3 <sup>11</sup> / <sub>16</sub> L x 4 <sup>3</sup> / <sub>32</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	50

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## Three-Gang Nail On



### Three-Gang Nail On 42.9 – 58.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
1043	42.9	Compound angled nails	#36 clamps bulk packed	3 <sup>5</sup> / <sub>8</sub> L x 5 <sup>7</sup> / <sub>8</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	20
1043-C	42.9	Compound angled nails	High clamps	3 <sup>5</sup> / <sub>8</sub> L x 5 <sup>7</sup> / <sub>8</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	20
1043-C-SQ	42.9	Compound angled nails	High clamps with #2 Sq+Ph combo head screw	3 <sup>5</sup> / <sub>8</sub> L x 5 <sup>7</sup> / <sub>8</sub> W x 2 <sup>3</sup> / <sub>4</sub> D	20
1063	58.5	Compound angled nails	#36 clamps bulk packed	3 <sup>21</sup> / <sub>32</sub> L x 5 <sup>15</sup> / <sub>16</sub> W x 3 <sup>21</sup> / <sub>32</sub> D	20
1063-C	58.5	Compound angled nails	High clamps	3 <sup>21</sup> / <sub>32</sub> L x 5 <sup>15</sup> / <sub>16</sub> W x 3 <sup>21</sup> / <sub>32</sub> D	20
1063-C-SQ	58.5	Compound angled nails	High clamps with #2 Sq+Ph combo head screw	3 <sup>21</sup> / <sub>32</sub> L x 5 <sup>15</sup> / <sub>16</sub> W x 3 <sup>21</sup> / <sub>32</sub> D	20

## Three-Gang Brackets



### Three-Gang Brackets 35.5 – 37.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
7073-2	35.5	#2 bottom bracket and wire support	High clamps	3 <sup>3</sup> / <sub>16</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>5</sup> / <sub>8</sub> D	20
7073-202	35.5	#2 bottom bracket and wire support	#36 clamps bulk packed	3 <sup>3</sup> / <sub>16</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>5</sup> / <sub>8</sub> D	20
7073-238-02	35.5	Two 3/8" offset brackets for wood/steel studs	#36 clamps bulk packed	3 <sup>3</sup> / <sub>16</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>5</sup> / <sub>8</sub> D	20
6063-4	37.0	Ears, #4 swing bracket	High clamps	3 <sup>3</sup> / <sub>8</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	20
6063-402	37.0	Ears, #4 swing bracket	#36 clamps bulk packed	3 <sup>3</sup> / <sub>8</sub> L x 5 <sup>13</sup> / <sub>16</sub> W x 2 <sup>1</sup> / <sub>2</sub> D	20

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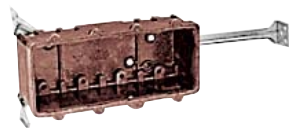
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# Carlton® PH

## New Work Boxes

### Four-Gang Brackets



7074-02-BH



7074-BH



2004-02-BH



2004-238



2004-238-02



2004-BH



2004-BH-PC

### Four-Gang Brackets 48.0 – 60.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
7074-02-BH	48.0	Side bracket & stabilizing bar	#36 clamps bulk packed	3 <sup>5</sup> / <sub>16</sub> L x 7 <sup>5</sup> / <sub>8</sub> W x 2 <sup>5</sup> / <sub>8</sub> D	10
7074-BH	48.0	Side bracket & stabilizing bar	High clamps	3 <sup>5</sup> / <sub>16</sub> L x 7 <sup>5</sup> / <sub>8</sub> W x 2 <sup>5</sup> / <sub>8</sub> D	10
2004-02-BH	60.0	Side bracket & stabilizing bar	#36 clamps bulk packed	3 <sup>5</sup> / <sub>8</sub> L x 7 <sup>23</sup> / <sub>32</sub> W x 3 <sup>1</sup> / <sub>16</sub> D	10
2004-238	60.0	Two 3/8" offset brackets for wood/steel studs	High clamps	3 <sup>5</sup> / <sub>8</sub> L x 7 <sup>23</sup> / <sub>32</sub> W x 3 <sup>1</sup> / <sub>16</sub> D	20
2004-238-02	60.0	Two 3/8" offset brackets for wood/steel studs	#36 clamps bulk packed	3 <sup>5</sup> / <sub>8</sub> L x 7 <sup>23</sup> / <sub>32</sub> W x 3 <sup>1</sup> / <sub>16</sub> D	20
2004-BH	60.0	Side bracket & stabilizing bar	High clamps	3 <sup>5</sup> / <sub>8</sub> L x 7 <sup>23</sup> / <sub>32</sub> W x 3 <sup>1</sup> / <sub>16</sub> D	10
2004-BH-PC	60.0	Side bracket & stabilizing bar	Non-metallic Clamps	3 <sup>5</sup> / <sub>8</sub> L x 7 <sup>23</sup> / <sub>32</sub> W x 3 <sup>1</sup> / <sub>16</sub> D	10

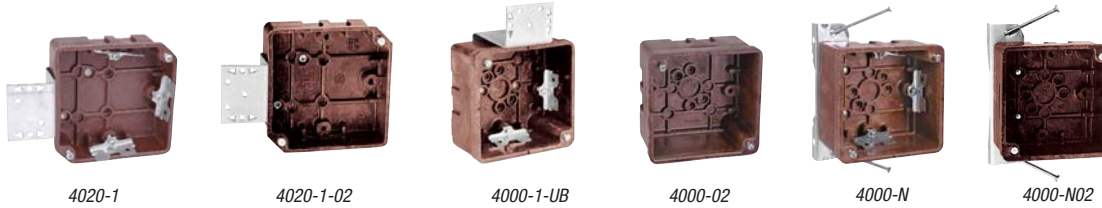
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## 4" Square Boxes Nail-On Brackets



4020-1

4020-1-02

4000-1-UB

4000-02

4000-N

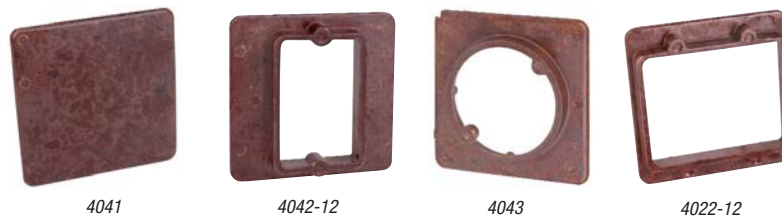
4000-N02

### 4" Square Boxes Nail-On Brackets 16.0 – 30.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
4020-1	16.0	1/2" raised face bracket for wood/steel studs	High clamps	4 <sup>5</sup> / <sub>16</sub> L x 4 <sup>5</sup> / <sub>16</sub> W x 1 <sup>1</sup> / <sub>4</sub> D	50
4020-1-02	16.0	1/2" raised face bracket for wood/steel studs	#36 clamps bulk packed	4 <sup>5</sup> / <sub>16</sub> L x 4 <sup>5</sup> / <sub>16</sub> W x 1 <sup>1</sup> / <sub>4</sub> D	50
4000-02	30.0	Nails or screws	#36 clamps bulk packed	4 <sup>1</sup> / <sub>4</sub> L x 4 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>8</sub> D	50
4000-1-UB	30.0	1/2" raised face bracket for wood/steel studs	High clamps	4 <sup>1</sup> / <sub>4</sub> L x 4 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>8</sub> D	50
4000-N	30.0	"N" bracket	High clamps	4 <sup>1</sup> / <sub>4</sub> L x 4 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>8</sub> D	50
4000-N02	30.0	"N" bracket	#36 clamps	4 <sup>1</sup> / <sub>4</sub> L x 4 <sup>1</sup> / <sub>4</sub> W x 2 <sup>3</sup> / <sub>8</sub> D	50

## Plaster Rings and Covers for 4" Square Boxes



4041

4042-12

4043

4022-12



CAT. NO.	SIZE CU. IN.	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
4041	—	4" square flat back	4 <sup>1</sup> / <sub>4</sub> " L x 4 <sup>1</sup> / <sub>4</sub> " W	100
4042-12	4.0	4" square single gang plaster ring, 1/2" offset	4 <sup>1</sup> / <sub>4</sub> " L x 4 <sup>1</sup> / <sub>4</sub> " W	100
4043	4.5	4" square plaster ring for 3 <sup>1</sup> / <sub>4</sub> " fixture, 1/2" offset	4 <sup>1</sup> / <sub>4</sub> " L x 4 <sup>1</sup> / <sub>4</sub> " W	100
4022-12	7.0	4" square two gang plaster ring, 1/2" offset	4 <sup>1</sup> / <sub>4</sub> " L x 4 <sup>1</sup> / <sub>4</sub> " W	50

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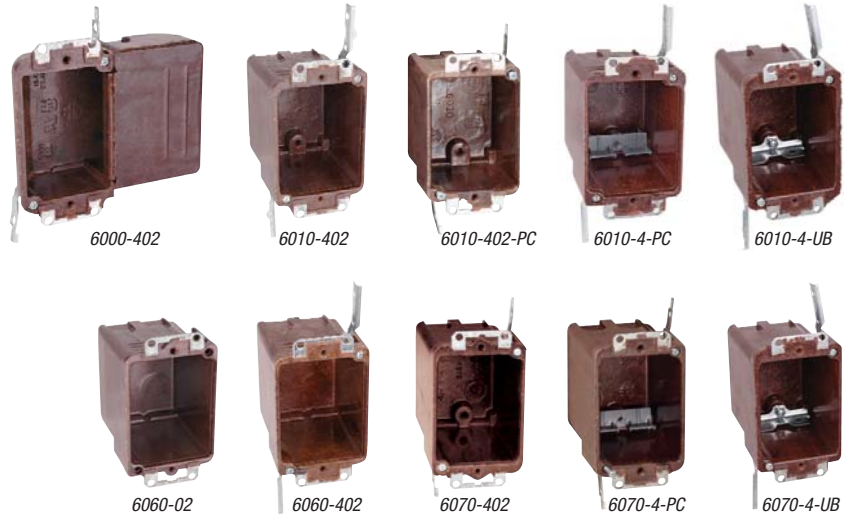
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# Carlton® PH Old Work Boxes



## One-Gang Brackets



## One-Gang Brackets 16.0 – 18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 6000-402	16.0	Ears, #4 swing brackets	No clamp blocks	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>7</sup> / <sub>32</sub> opening x 2 <sup>7</sup> / <sub>8</sub> D; 4 <sup>11</sup> / <sub>16</sub> W overall	50
6010-402	16.0	Ears, #4 swing brackets	#36 clamps bulk packed	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> opening x 2 <sup>7</sup> / <sub>8</sub> D; 4 <sup>11</sup> / <sub>16</sub> W overall	100
6010-402-PC	16.0	Ears, #4 swing brackets	Non-metallic clamps bulk packed	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	100
6010-4-PC	16.0	Ears, #4 swing brackets	Non-metallic clamps	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	100
6010-4-UB	16.0	Ears, #4 swing brackets	High Clamps	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 2 <sup>7</sup> / <sub>8</sub> D	100
6060-02	16.0	Ears	No clamp blocks	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 2 <sup>13</sup> / <sub>16</sub> D	100
6060-402	16.0	Ears, #4 swing brackets	No clamp blocks	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 2 <sup>13</sup> / <sub>16</sub> D	100
6070-402	18.0	Ears, #4 swing brackets	#36 clamps bulk packed	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	50
6070-4-PC	18.0	Ears, #4 swing brackets	Non-metallic clamps	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	50
6070-4-UB	18.0	Ears, #4 swing brackets	High clamps	3 <sup>3</sup> / <sub>8</sub> L x 2 <sup>3</sup> / <sub>8</sub> W x 3 <sup>1</sup> / <sub>4</sub> D	50

• Not UL Listed, UL Recognized component



# Carlton® PH Old Work Boxes



7090



6020-402



7060



7020-8



6050-4-UB



7010



7010-8



7010-8-SQ



6090-402

## One-Gang Brackets 7.5 – 14.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
7090	7.5	Ears	–	3¼ L x 2¼ W x 1⅞ D	100
6020-402	8.0	Ears, #4 swing brackets	Side mounted #4 brackets	3⅞ L x 2¼ W x 1¾ D	100
7060	9.0	Ears	No clamp blocks	3⅞ L x 2¼ W x 1¾ D	100
7020-8	10.0	Ears, #8 snap-in bracket	High clamps	3¼ L x 2⅞ W x 2¼ D	50
6050-4-UB	10.5	Ears, #4 swing brackets	High clamps	3½ L x 2¼ W x 2⅞ D	100
7010	12.5	Ears clamps	High clamps	3¼ L x 2⅞ W x 2⅞ D	100
7010-8	12.5	Ears, #8 snap-in bracket	High clamps	3¼ L x 2⅞ W x 2⅞ D	50
7010-8-SQ	12.5	Ears, #8 snap-in bracket	High clamps - with #2+PH combo head screws	3¼ L x 2⅞ W x 2⅞ D	50
6090-402	14.0	Ears, #4 swing brackets	No clamp blocks	3⅞ L x 2⅞ W x 2½ D	100

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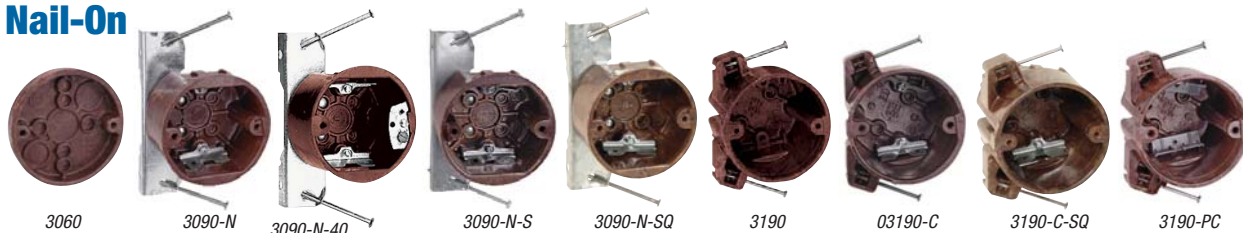
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# Carlton® PH

## Ceiling Boxes – New Work



### Nail-On



### 3 1/2" Nail On 3.5 – 22.8 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
† 3060	3.5	Nails or screw mount 3 7/16" O.D.	See NEC-725-2, 725-51, 725-52, Class 2	3 1/2 Dia x 5/8 D	100
• 3090-N	13.5	"N" bracket	High clamps	3 1/2 Dia x 2 1/8 D	50
• 3090-N-40	13.5	"N" bracket	High clamps & #40 ground strap	3 1/2 Dia x 2 1/8 D	50
• 3090-N-S	13.5	"N" bracket with screws	High clamps	3 1/2 Dia x 2 1/8 D	50
• 3090-N-SQ	13.5	"N" bracket	High Clamps with #2+PH combo head screws	3 1/2 Dia x 2 1/8 D	50
• 3190	22.8	Compound angled nails	#36 clamps bulk packed	3 1/2 Dia x 3/4 D	50
• 3190-C	22.8	Compound angled nails	High clamps	3 1/2 Dia x 3/4 D	50
• 3190-C-SQ	22.8	Compound angled Nails	High Clamps with #2+PH combo head screws	3 1/2 Dia x 3/4 D	50
• 3190-PC	22.8	Compound angled nails	Non-metallic clamps	3 1/2 Dia x 3/4 D	50

• Listed for fixture support up to 50 lbs.

† Not UL Listed

### Flanged



### 3 1/2" Flanged for Manufactured Housing, 11.5 – 20.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 3030-02-40	11.5	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	#36 clamps bulk packed & #40 ground strap	3 1/2 Dia x 1 3/4 D	100
• 3030	14.0	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	High clamps	3 1/2 Dia x 1 3/4 D	100
• 3030-02	14.0	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	#36 clamps bulk packed	3 1/2 Dia x 1 3/4 D	100
• 3030-902	14.0	Screws, #9 snap-in bracket	Bulk packed clamps	3 1/2 Dia x 1 3/4 D	50
• 3030-PC	14.0	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	Non-metallic clamps	3 1/2 Dia x 1 3/4 D	100
• 3000	20.5	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	High clamps	3 1/2 Dia x 2 7/8 D	50
• 3000-02	20.5	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	#36 clamps bulk packed	3 1/2 Dia x 2 7/8 D	50
• 3000-902	20.5	Screws, #9 snap-in bracket	Bulk packed clamps	3 1/2 Dia x 2 7/8 D	50
• 3000-PC	20.5	Screw mount (4 3/8" O.D. flange or flash ring) box O.D. 3 1/2"	Non-metallic clamps	3 1/2 Dia x 2 7/8 D	50

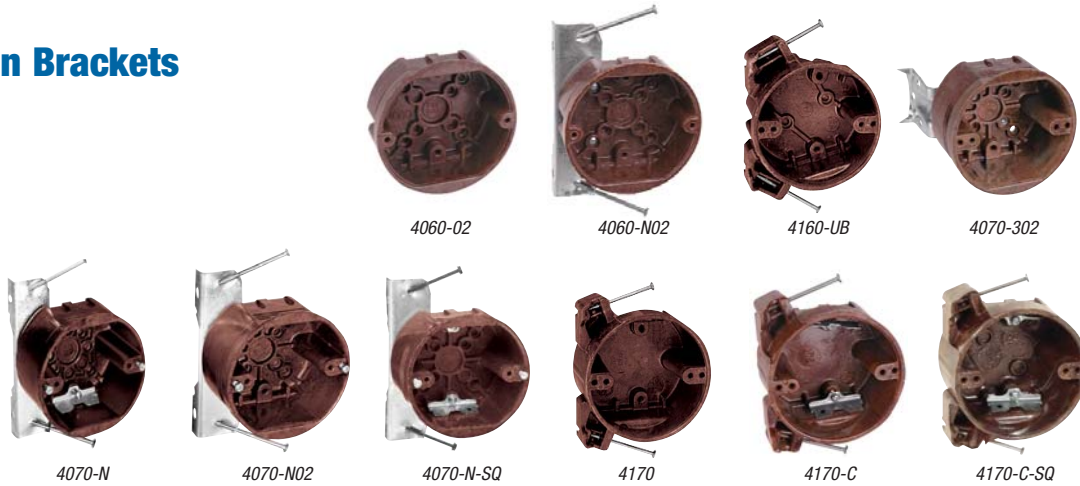
• Listed for fixture support up to 50 lbs.





## Ceiling Boxes – New Work

### 4" Nail-On Brackets

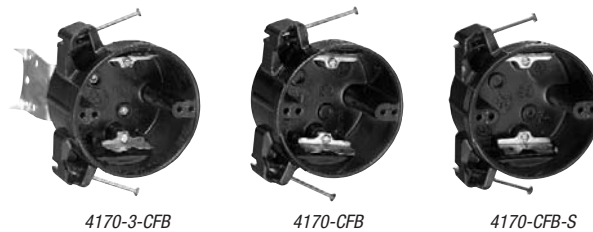


### 4" Nail-On Brackets 13.5 – 20.8 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 4060-02	13.5	Nail or screws	#36 clamps bulk packed	4 Dia x 1 <sup>5</sup> / <sub>8</sub> D	100
• 4060-N02	13.5	"N" bracket	#36 clamps bulk packed	4 Dia x 1 <sup>5</sup> / <sub>8</sub> D	50
• 4160-UB	16.0	Compound angled side nails	#36 clamps bulk packed	4 Dia x 1 <sup>5</sup> / <sub>16</sub> D	50
• 4070-302	20.8	#3 bracket	#36 clamps bulk packed	4 Dia x 2 <sup>3</sup> / <sub>8</sub> D	50
• 4070-N	20.8	"N" bracket	High clamps	4 Dia x 2 <sup>3</sup> / <sub>8</sub> D	50
• 4070-N02	20.8	"N" bracket	#36 clamps bulk packed	4 Dia x 2 <sup>3</sup> / <sub>8</sub> D	50
• 4070-N-SQ	20.8	"N" bracket	High clamps with #2 Sq+Ph combo head screw	4 Dia x 2 <sup>3</sup> / <sub>8</sub> D	50
• 4170	21.5	Compound angled side nails	#36 clamps bulk packed	4 Dia x 2 <sup>7</sup> / <sub>16</sub> D	50
• 4170-C	21.5	Compound angled side nails	High clamps	4 Dia x 2 <sup>7</sup> / <sub>16</sub> D	50
• 4170-C-SQ	21.5	Compound Angled Nails	High Clamps with #2+PH combo head screws	4 Dia X 2 <sup>7</sup> / <sub>16</sub> " D	50

• Listed for fixture support up to 50 lbs.



### 4" Round Outlet Box Suitable for Fixture/Fan Support 21.5 cu. in.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 4170-3-CFB	21.5	Angle Nails and #3 bracket	High clamps	4 <sup>1</sup> / <sub>16</sub> Dia	10
• 4170-CFB	21.5	Angle Nails	High clamps	4 <sup>1</sup> / <sub>16</sub> Dia	10
• 4170-CFB-S	21.5	Steel stud screws	High clamps	4 <sup>1</sup> / <sub>16</sub> Dia	10

• UL Listed for support of light fixtures up to 50 lbs. or ceiling fans up to 35 lbs.

# Carlton® PH

## Ceiling Boxes - New Work

### 3 1/2" Ceiling Box with Bar Hanger



### 3 1/2" Ceiling Box with Bar Hanger 13.5 – 22.8 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 3090-94	13.5	16" bar hanger 12 1/4" min. – 19" max.	High clamps	3 1/2 Dia x 2 1/8 D	50
• 3090-94-40	13.5	16" bar hanger 12 1/4" min. – 19" max.	High clamps & #40 ground strap	3 1/2 Dia x 2 1/8 D	50
• 3090-94-SQ	13.5	16" bar hanger 12 1/4" min. – 19" max.	High Clamps -with #2+PH combo head screws	3 1/2 Dia x 2 1/8 D	50
• 3090-95	13.5	Combo bar 14 5/16" min. – 25" max.	High clamps	3 1/2 Dia x 2 1/8 D	50
• 3090-95-40	13.5	Combo bar 14 5/16" min. – 25" max.	High clamps & #40 ground strap	3 1/2 Dia x 2 1/8 D	50
• 3090-95-SQ	13.5	Combo bar 14 5/16" min. – 25" max.	High Clamps -with #2+PH combo head screws	3 1/2 Dia x 2 1/8 D	50
• 3190-C-94	22.8	16" bar hanger 12 1/4" min. – 19" max.	High clamps	3 1/2 Dia x 3 1/4 D	25
• 3190-C-95	22.8	Combo bar 14 5/16" min. – 25" max.	High clamps	3 1/2 Dia x 3 1/4 D	25

• Listed for fixture support up to 50 lbs.

### 4" Outlet Boxes with Bar Hanger



### 4" Outlet Boxes with Bar Hanger 13.5 – 20.8 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• 4060-9402	13.5	16" bar hanger 12 1/4" min. – 19" max.	#36 clamps bulk packed	4 Dia x 1 5/8 D	50
• 4060-9502	13.5	Combo bar 14 5/16" min. – 25" max.	#36 clamps bulk packed	4 Dia x 1 5/8 D	50
• 4070-94	20.8	16" bar hanger 12 1/4" min. – 19" max.	High clamps	4 Dia x 2 3/8 D	50
• 4070-9402	20.8	16" bar hanger 12 1/4" min. – 19" max.	#36 clamps bulk packed	4 Dia x 2 3/8 D	50
• 4070-95	20.8	Combo bar 14 5/16" min. – 25" max.	High clamps	4 Dia x 2 3/8 D	50
• 4070-9502	20.8	Combo bar 14 5/16" min. – 25" max.	#36 strap bulk packed	4 Dia x 2 3/8 D	50
• 4070-95-40	20.8	Combo bar 14 5/16" min. – 25" max.	Ground strap	4 Dia x 2 3/8 D	50
• 4070-95-PC	20.8	Combo bar 14 5/16" min. – 25" max.	Non-metallic clamps	4 Dia x 2 3/8 D	50
† 4070-CFB-BHL	20.8	24" bar hanger 12" to 24" maximum center	High clamps	4 1/16 Dia x 2 3/8 D	10

• Listed for fixture support up to 50 lbs.

† UL Listed for support of light fixtures up to 50 lbs. or ceiling fans up to 35 lbs.

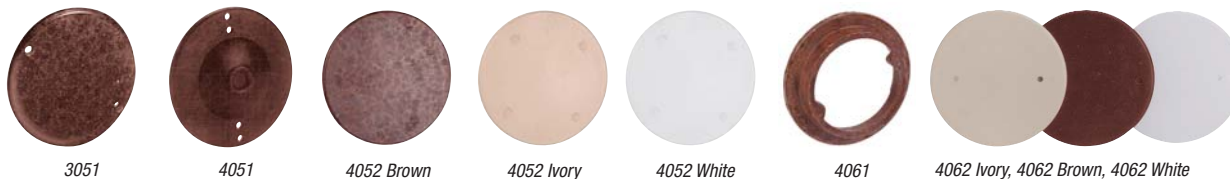


# Carlton<sup>®</sup> PH Ceiling Boxes



Carlton<sup>®</sup> Brown Phenolic Boxes

## Plaster Rings and Covers for 4" Outlet Boxes



3051

4051

4052 Brown

4052 Ivory

4052 White

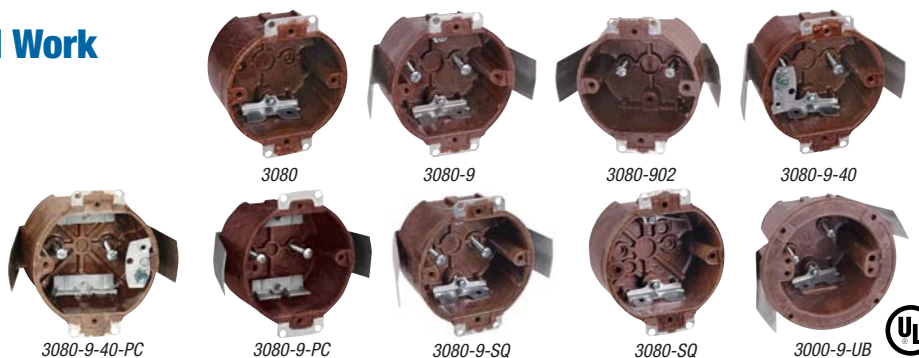
4061

4062 Ivory, 4062 Brown, 4062 White



CAT. NO.	SIZE CU. IN.	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
3051	—	Round flat blank, fits #3000, #3020, & #3030 boxes only	3 1/4 Dia	100
4051	—	Round blank or pendent, 25/64" diameter knockout	3 1/4 - 4 Dia	100
4052 Brown	—	Round flat blank with 4" O.D.	3 1/4 - 4 Dia	100
4052 Ivory	—	Round flat blank with 4" O.D.	3 1/4 - 4 Dia	100
4052 White	—	Round flat blank with 4" O.D.	3 1/4 - 4 Dia	100
4061	4.5	Round plaster ring, 1/2" offset for 3 1/4 mounting	4 Dia	100
4062 Brown	—	Round flat blank with 4 1/2" O.D.	4 Dia	100
4062 Ivory	—	Round flat blank with 4 1/2" O.D.	4 Dia	100
4062 White	—	Round flat blank with 4 1/2" O.D.	4 Dia	100

## Ceiling Boxes - Old Work



3080

3080-9

3080-902

3080-9-40

3080-9-40-PC

3080-9-PC

3080-9-SQ

3080-SQ

3000-9-UB



## 3 1/2" Brackets 14.0 - 20.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
† 3080	14.0	Ears	High clamps	3 1/2 Dia x 2 1/8 D	50
• 3080-9	14.0	#9 snap-in bracket	High clamps	3 1/2 Dia x 2 1/8 D	50
• 3080-902	14.0	#9 snap-in bracket	#36 clamps bulk packed	3 1/2 Dia x 2 1/8 D	50
• 3080-9-40	14.0	#9 snap-in bracket	High clamps & #40 ground strap	3 1/2 Dia x 2 1/8 D	50
• 3080-9-40-PC	14.0	#9 snap-in bracket	Non-metallic clamps & #40 ground strap	3 1/2 Dia x 2 1/8 D	50
• 3080-9-PC	14.0	#9 snap-in bracket	Non-metallic clamps	3 1/2 Dia x 2 1/8 D	50
• 3080-9-SQ	14.0	#9 snap-in bracket	High clamps with #2 Sq+Ph combo head screw	3 1/2 Dia x 2 1/8 D	50
† 3080-SQ	14.0	Ears	High clamps with #2 Sq+Ph combo head screw	3 1/2 Dia x 2 1/8 D	50
• 3000-9-PC	20.5	#9 snap-in bracket	Non-metallic clamps	3 1/2 Dia x 2 7/8 D	50
• 3000-9-UB	20.5	#9 snap-in bracket	High clamps	3 1/2 Dia x 2 7/8 D	50

• Listed for fixture support up to 15 lbs. in walls only

† Listed for fixture support up to 50 lbs.



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Tel: 888.862.3289

Thomas & Betts

www.tnb.com



# Carlton<sup>®</sup> PH Surface Mounted Boxes

Carlton<sup>®</sup> Brown Phenolic Boxes

## One-Gang



5060 Brown

5060 Ivory

5060 White

5070 Brown

5070 Ivory

5070 White



### One-Gang 9.8 – 14.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN. QTY.
• 5060 Brown	9.8	Screws	4½ L x 2¾ W x 1½ D	100
5060 Ivory	9.8	Screws	4½ L x 2¾ W x 1½ D	100
5060 White	9.8	Screws	4½ L x 2¾ W x 1½ D	100
• 5070 Brown	14.0	Screws	4½ L x 2¾ W x 1½ D	100
5070 Ivory	14.0	Screws	4½ L x 2¾ W x 1½ D	100
5070 White	14.0	Screws	4½ L x 2¾ W x 1½ D	100

• Only the "Brown" is Phenolic — the White and Ivory are a urea material

## Two-Gang



5072 Brown

5072 Ivory

5072 White

### Two-Gang 23.8 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN. QTY.
• 5072 Brown	23.8	Screws	4¾ L x 4½ W x 1½ D	50
5072 Ivory	23.8	Screws	4¾ L x 4½ W x 1½ D	50
5072 White	23.8	Screws	4¾ L x 4½ W x 1½ D	50

• Only the "Brown" is Phenolic — the White and Ivory are a urea material

Not UL listed

## 6½" Outside Diameter



5080 Brown

5080 Ivory

5080 White

### 6½" Outside Diameter 3.8 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN. QTY.
• 5080 Brown	3.8	Screws, box O.D.	6¼ OD x 3½ ID x ¾ D	50
5080 Ivory	3.8	Screws, box O.D.	6¼ OD x 3½ ID x ¾ D	50
5080 White	3.8	Screws, box O.D.	6¼ OD x 3½ ID x ¾ D	50

• Only the "Brown" is Phenolic — the White and Ivory are a urea material

Not UL listed





### Round Boxes and Covers



A04-12



A04-34



A0-51

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• A04-12	12.0	Four 1/2" threaded KOs	Round box	4 1/8 Dia x 1 7/8 D	10
• A04-34	12.0	Four 3/4" threaded KOs	Round box	4 1/8 Dia x 1 7/8 D	10
• A0-51	—	Stainless steel screws	Black cover with gaskets	4 1/8 Dia	10

• Not UL Listed

### Weatherproof Device Boxes and Covers



FSC-12



FSC-34



FSC-34-BP



FSC-51



FSC-53



FSC-54



FSC-55

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• FSC-12	16.0	One 1/2" threaded KO in each end	Device box	4 7/16 L x 1 25/32 W x 2 9/16 D	10
• FSC-34	16.0	One 3/4" threaded KO in each end	Device box	4 7/16 L x 1 25/32 W x 2 9/16 D	10
• FSC-34-BP	16.0	One 3/4" threaded KO in each end	Device box	4 7/16 L x 1 25/32 W x 2 9/16 D	50
• FSC-51	—	Stainless steel screws	Blank cover with gaskets	— — —	10
• FSC-53	—	Stainless steel screws	Duplex receptacle cover with gasket	— — —	10
• FSC-54	—	Stainless steel screws, 1.409 dia.	Single receptacle cover with gasket	— — —	10
• FSC-55	—	Stainless steel screws	Switch cover with gasket	— — —	10

• Not UL Listed

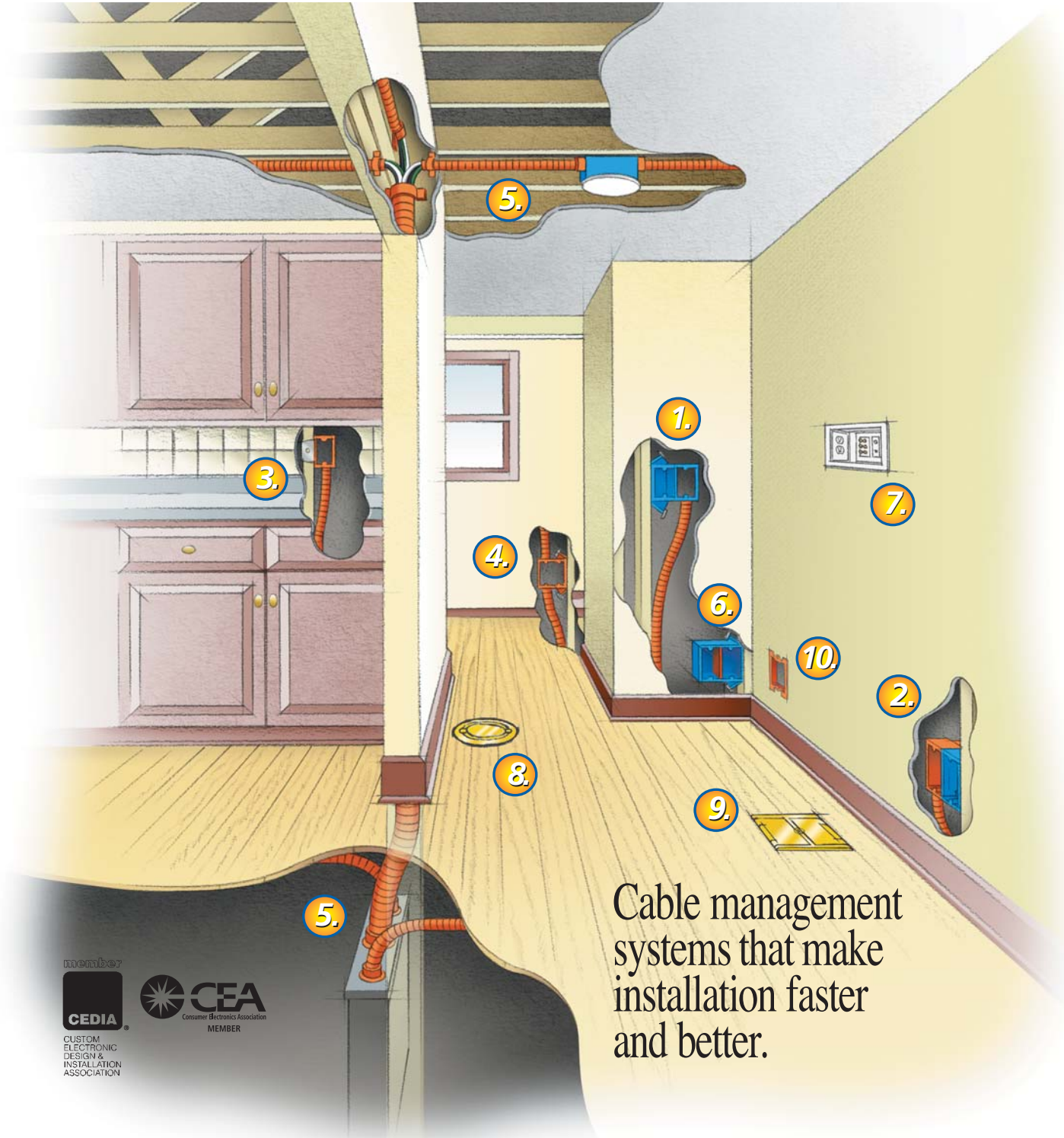


# Carlon<sup>®</sup> LV

## Carlon<sup>®</sup> Orange Structured Cable Management System

Carlon<sup>®</sup> structured cable management system (SCMS) is designed for general purpose low voltage residential wire and cable management. This series of boxes and brackets are accompanied by a corrugated conduit system and accessories to future proof your home.

Carlon<sup>®</sup> Orange Low Voltage Boxes/Brackets



Cable management systems that make installation faster and better.



CUSTOM ELECTRONIC DESIGN & INSTALLATION ASSOCIATION



Thomas & Betts

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Tel: 888.862.3289





## 1. Dual Voltage Box/Bracket

Here's a smart alternative where you would normally use separate high and low voltage boxes. Designed to fit a standard two-gang faceplate, this component combines an electrical box and low voltage bracket into a

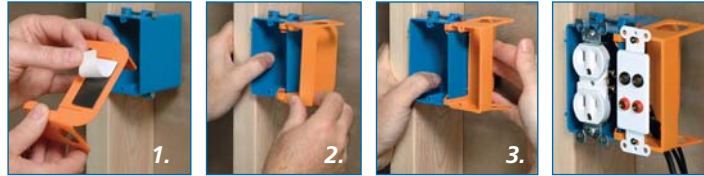
single unit for fast, easy installation. No alignment tools are required, and easy nail-on mounting provides precise placement and a professional finished appearance. Resi-Rings accept 3/4" Resi-Gard<sup>®</sup> fittings only. SC200DV



Why waste time mounting, then trying to line up separate high voltage and low voltage boxes, and still end up with something not quite right? Our Dual Voltage Box/Bracket lets you do it all in one fast, easy step with perfect alignment every time.

## 2. Low Voltage Add-On Bracket

This low voltage bracket provides a low voltage outlet next to a previously installed high voltage outlet. Great for both new construction and rework, it attaches easily to most electrical boxes, and is designed to fit a standard two-gang faceplate. Resi-Rings accept 3/4" Resi-Gard<sup>®</sup> fittings only. SC100SC



Attaching the Add-On Bracket is a "snap." You just remove the back of the double-sided tape (1), clip the bracket in place (2), and press on the bracket to secure it against the box (3). Allows for the installation of most rectangular yoke plates



## 3. Low Voltage Adjustable Brackets

Our Low Voltage Adjustable Brackets are the perfect solution for tile, paneling, or stucco. A bracket allows for quick, easy stud mounting, and a turn of the screw adjusts to any wall thickness. It's great for retrofit/ installation upgrades. Replace the single-gang bracket with a two-gang bracket, or switch services to a high-voltage Adjust-A-Box<sup>™</sup> devices. SC100ADJC (shown) and SC200ADJC



Our Low Voltage Adjustable Brackets simplify installation with tile, paneling, or stucco to save you time and effort. Just use the quick-mount bracket to clip it to the stud (1), add a screw for extra support if you want it (2), then use the adjustment screw to accommodate wall thickness (3). Also available in a two-gang version.

## 4. Low Voltage Brackets

Here's the fast installation choice where only low voltage is required. Designed to fit a standard one-, two- or three-gang faceplate, these low voltage brackets feature an easy nail-on mounting or screw-in bracket, while a hard shell provides increased durability and no racking. Resi-Rings accept 3/4", 1", and 1 1/4" Resi-Gard<sup>®</sup> fittings (one-and two-gang versions only). SC100A, SC200A (shown), and SC300A



Our Low Voltage Brackets are open-backed to easily accommodate the bend radii required for low voltage cabling and deep devices such as volume controls, while molded-in ports make it easy to connect flexible raceway for future-proofing. Or you can use them to tie off cable to the bracket. They can also be attached to wood or steel studs.



## 5. Resi-Gard<sup>®</sup> Flexible Raceway And Fittings

Available in 5 sizes from 3/4" to 2", with factory installed pull tape in sizes 1" to 2", our Resi-Gard<sup>®</sup> Flexible Raceway provides a main

chase from the main distribution panel to a secondary hub in the attic or basement. Ideal for easy access to add cable or service upgrades, or leave empty for future expansion.



Our complete line of quick-connect couplings, adapters, cable clips, conduit clamps, and solvent cement make for quick, easy professional installation of Resi-Gard<sup>®</sup> Flexible Raceway.

6.



### Dual Voltage Box/Bracket

For applications where a combined high and low voltage closed back box is needed, such as placement in a fire-rated wall,

we offer our Carlton SuperBlue® two-, three-, and four-gang wiring boxes with a slip-in-place divider to give you the split box you need for the low voltage outlet. SCDIV



What could be easier than converting one of our Carlton SuperBlue® boxes for both high and low voltage use? Just slip the divider into place, and you're ready to go. Great for situations requiring a dual voltage fire-rated box.

### Recessed Dual Voltage 3-Gang Old Work Plate

7.



The New Carlton RDV 3-Gang Old Work Plate has been developed to simplify today's in-home entertainment/networking needs. The box is designed to accommodate the wires, cables and cords used with flat panel display installations. It features a two-gang low voltage opening and a one-gang opening for an outlet/switch box (boxes, devices, and plates not included). SC300PRB and SC300PRR



The hi-gloss, recessed design eliminates unsightly wires, cables, and cords, and blends with any décor. The RDV Old Work Plate makes installing flat panel displays faster and easier!

8.



### Drop-in Floor Box

The Carlton Drop-In Floor Box with Brass Cover combines many of the same features in our existing Floor Box line with the strength, durability

and style necessary to accommodate today's residential electrical/telecommunication needs. The Carlton Drop-In Floor Box is the fastest easiest way for contractors to put a floor socket anywhere they need it! It's designed to accommodate line voltage and low voltage applications E971FBDI-2 and E971FBDIB-2



Drill hole in floor using hole saw. Pull romex through floor. Connect receptacle wires to romex. Brass cover snaps into place. Use a small screwdriver to pry open brass cover to plug in appliance.

For more information about this floor box refer to [www.tnb.com](http://www.tnb.com) or the Thomas & Betts Residential catalog.

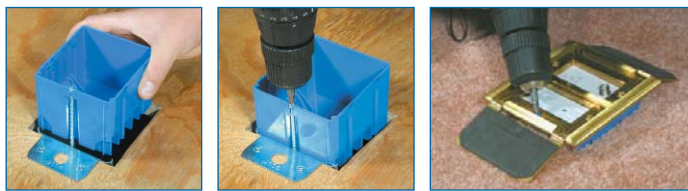
### Adjust-A-Box™ Floor Box

9.

Carlton Adjust-A-Box™ Floor Boxes make installing floor outlets faster and easy by providing maximum installation flexibility. The box features a patented adjustment screw designed to adjust the box from 0" to 1-3/4" by simply turning the screw clockwise or counterclockwise, providing a flush mount every time.



B234BFBB (brass cover) and B234BFSS (stainless steel)



Install clip over subfloor. Screw in to adjust to height of flooring or carpet. Beautiful flush fit every time!

For more information about this floor box refer to [www.tnb.com](http://www.tnb.com) or the Thomas & Betts Residential catalog.

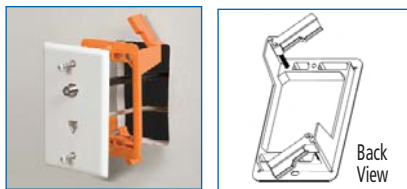
10.



### Old Work Bracket

Carlton Low Voltage Old Work Brackets are specifically designed for the installation of low voltage devices such as cable television, data communications or telephone

jacks in an existing wall. The backless feature provides the space need for the bend radius requirements of coaxial or data/communication cables. It also eliminates the need for metal plates, lags or screws. SC100RR (shown) and SC200RR



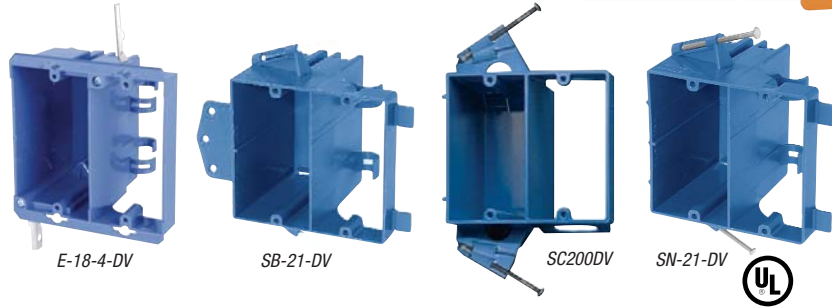
1. Use the holes in the corners to mark the opening.
2. Cut out the drywall.
3. Place box in wall.
4. Secure box to wall.

## New Work and Old Work Boxes



### Dual Voltage Box/Bracket

- Dual Voltage Capability
- Accepts a two-gang face plate.
- 3/4" Resi-Rings
- Backless Design accommodates large/deep low voltage devices.
- Eliminates cutting the backs off Electrical Boxes.
- Accommodates bend radius requirements for low voltage cabling.
- Provides ample space for installation.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• E-18-4-DV	18.0	#4 Swing Brackets	V-clamps, additional tabs for cable mounts	3¾ L x 4 W x 3 D	50
• SB-21-DV	20.5	Molded bracket for wood/steel studs	Additional tabs for cable mounts	3⅝ L x 4 W x 3⅞ D	50
• SC200DV	20.5	Angled side nails	¾" dia. Resi-Ring for Resi-Gard fitting	3.69 L x 4.04 W x 3.67 D	16
• SN-21-DV	20.5	Angled side nails	Additional tabs for cable mounts	3⅝ L x 4 W x 3⅞ D	50

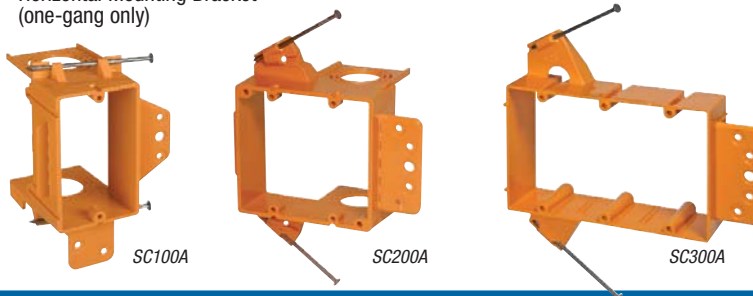
• UL Listed E11461 80°C heat-rated material  
Permissible for use with 90°C insulated conductors

### Low Voltage Brackets

- Backless Design accommodates large/deep low voltage devices
- Eliminates cutting the backs off Electrical Boxes.
- Accommodates bend radius requirements for low voltage cabling
- Provides ample space for installation
- Mount Flange for steel stud application

#### One-and two-gang versions only

- Resi-Rings with Concentric Knockouts
- Accepts 3/4", 1", and 1-1/4" Resi-Gard.
- Horizontal Mounting Bracket (one-gang only)
- Breakaway Drywall Support Flange provides easy alignment for 1/2" drywall
- Screw mount option
- Breakaway Vertical Mounting Flange
- Breakaway feature allows the use of the Low Voltage Add-On Bracket



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• SC100A	N/A	Captive angled nails or brackets for vertical or horizontal mounting	¾", 1", 1¼" Resi-Rings	3.73 L x 2.32 W x 3.15 D	24
• SC200A	N/A	Captive angled nails or bracket	¾", 1", 1¼" Resi-Rings	3.77 L x 4.07 W x 3.15 D	24
▶ SC300A	44	Captive angled nails or bracket	-	3.69 L x 5.81 W x 1.50 D	5

• UL Listed E216492  
Not classified for two-hour firewall/fireceiling rating



### Gangable Low Voltage Bracket

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
LVG	N/A	Captive nails or screw mount	Gangable	3.7 x 1.97 x 2.58 D	32



# Carlton® LV

## New Work and Old Work Boxes

### Low Voltage Add-On Bracket

- Dual Voltage Capability accommodates high and low voltage devices in the same box.
- Attaches to virtually any non-metallic electrical box as long as there's a side for the tape to stick to.
- Accepts a two-gang face plate.
- 3/4" Resi-Rings
- Allows for the installation of most rectangular yoke plates



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• SC100SC	N/A	Tape	1-gang	3.68 L x 2.36 W x 3.10 D	24

• UL Listed E216492 *Not classified for two-hour firewall/fireceiling rating*

### Low Voltage Adjustable Brackets

- Accommodates varying finished wall thicknesses – ideal for wood paneling, tile or stucco walls.
- With the turn of a screw, adjust to any wall thickness.
- Steel Mounting Bracket provides a secure mount.
- Backless Design accommodates large/deep low voltage devices.
- Eliminates cutting the backs off Electrical Boxes.
- Accommodates bend radius requirements for low voltage cabling.
- Provides ample space for installation.
- Removable Bracket and Interchangeable Mounting Bracket – upgrade from a one-gang to a two-gang anytime.



**CARLON EXCLUSIVE**

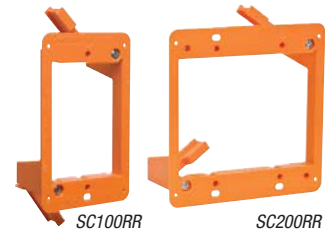


CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• SC100ADJC	21	Adjustable bracket	1-gang	3.56 L x 3.88 W x 1.69 D	24
• SC200ADJC	34	Adjustable bracket	2-gang	3.56 L x 5.63 W x 1.69 D	20

• UL Listed E216492 *Not classified for two-hour firewall/fireceiling rating*

### Old Work Brackets

- Rectangular Flange for faster/easier installation.
- Shallow Bracket – Less material, easier to work with.
- Marking hole for wall opening.
- Thinner Flange for less protrusion on the wall.
- SINGLE GANG ONLY – Clamps stop at center point to prevent the bracket from twisting or bending out of the wall.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• SC100RR	N/A	Swing brackets	1-gang	4.32 L x 2.52 W x 1.66 D	12
• SC200RR	N/A	Swing brackets	2-gang	4.28 L x 4.28 W x 1.66 D	6

• UL Listed E216492 *Not classified for two-hour firewall/fireceiling rating*

### Low Voltage Divider Plate



CAT. NO.	STD. CTN. QTY.
• SCDIV	50

• For use with Carlton SuperBlue® boxes only (Refer to page 12)

### Mud Ring (4" sq. 1/2" Raised Cover)



CAT. NO.	DESCRIPTION	STD. CTN. QTY.
• SCA410	1-gang	20

• UL Listed E11461

*Classified for two hour fire resistive wall assemblies when used with two-gang Quick Connect outlet and switch boxes*



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



## Low Voltage Adjustable Floor Bracket w/ Cover

**CARLON EXCLUSIVE**

The Carlton Low Voltage Adjustable Floor Bracket is specifically designed for the low voltage, structured cabling market... *the floor bracket is industry standard orange to identify low voltage applications, the open design provides the space needed for low voltage bend radius requirements, and the Leviton QuickPort<sup>®</sup> Quad 106<sup>®</sup> Insert provides up to four low voltage outlet ports.* The Carlton Low Voltage Adjustable Floor Bracket is ideal for any residential or commercial low voltage application.

The floor bracket also features a patented screw design allowing it to be adjusted to most finished floor heights by simply turning the screw clockwise or counterclockwise and adjusting flush to the floor.

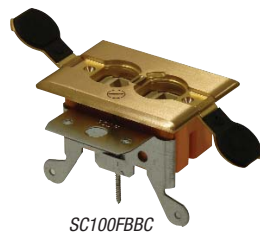
The floor bracket kit comes complete with a non-metallic (white or ivory) or brass cover, a Leviton QuickPort Quad 106 Insert, new work and old work metal mounting brackets, and mounting screws.

*Carlton Structured Cable Management Systems... Your Total Systems Solution!*

- White, Ivory, or Brass Cover
- Orange – Identifies Low Voltage Installations
- Open Design Floor Bracket – Accommodates Low Voltage Bend Radius Requirements
- Patented Adjustable Screw – Bracket Adjusts to Most Finished Floor Depths
- Leviton QuickPort Quad 106 Insert – Install up to 4 Low Voltage Inserts
- Two-Door Design
- C-UL-US Listed



SC100FBWC



SC100FBBC



SC100FBVC



SC100FBWC



### One-Gang Adjustable

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
• SC100FBBC	N/A	Adjustable bracket	Brass	2.80 L x 4.36 W x 1.72 D	8
• SC100FBVC	N/A	Adjustable bracket	Non-metallic – Ivory	2.80 L x 4.36 W x 1.72 D	8
• SC100FBWC	N/A	Adjustable bracket	Non-metallic – White	2.80 L x 4.36 W x 1.72 D	8

• UL Listed E216492

### Installation:



Install clip over subfloor.



Screw in to adjust to height of flooring or carpet.



Beautiful flush fit every time!

Carlton<sup>®</sup> Orange Low Voltage Boxes/Brackets

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<sup>®</sup> LV Old Work Box

## Recessed Dual Voltage 3-Gang Old Work Plate

Carlton<sup>®</sup> Orange Low Voltage Boxes/Brackets



SC300PRB

The New Carlton RDV 3-Gang Old Work Plate has been developed to simplify today's in-home entertainment/networking needs. The box is designed to accommodate the wires, cables and cords used with flat panel display installations. It features a two-gang low voltage opening and a one-gang opening for an outlet/switch box (boxes, devices, and plates not included). The hi-gloss, recessed design eliminates unsightly wires, cables, and cords, and blends with any décor. The RDV Old Work Plate makes installing flat panel displays faster and easier!



# Carlton® LV Old Work Box



## Features:

- 3-Gang dual service capability: Accommodates (1) line voltage and (2) low voltage services using one plate (boxes, devices, and plates not included)
- Recessed low profile design: Eliminates unsightly wires and plug heads
- Universal 1-gang outlet / switch opening: Select the size box you need
- Pre-assembled box and frame: Reduces labor time and saves money
- Shallow design: Provides ample room behind the dry wall and between the studs, and accommodates cable bend requirements
- 4 Swing out clamps: Locks the plate securely to the wall – horizontal or vertical mount
- Superior hi-gloss, paintable finish: Professional appearance, and blends with any décor
- Non-metallic, ABS material: Lightweight and easy to handle

## Installation

Please read these instructions completely before attempting installation.

**IMPORTANT!** Before attempting installation be sure power is off by removing the fuse or switching the circuit breaker to "off". Make sure the Recessed Dual Voltage plate is installed in accordance with the National Electrical Code (NEC) and local codes.



1. Locate studs and determine if they are 16" or 24" apart. If 16" apart, measure a maximum of 3" from edge of stud to determine plate location. If 24" apart, center plate between studs. Note: High voltage side must be 3" from stud.
2. Place SC300PRB or SC300PRR face down against the wall. Using a hammer, tap around the edge of the plate to mark area to be cut out (Fig. 1). Remove plate from wall, a line should be visible on the dry-wall. Cutout should be 6.25" x 9.25" approximately.
3. Carefully cut out area of drywall with a utility knife or drywall saw.
4. Place SC300PRB or SC300PRR in wall and secure by tightening down all four Zip-Mount retainers (Fig. 2).
5. Select device and outlet/switch box, cat. number B114R (14 cu. in.) or B120R (20 cu. in.), based on wire fill needs (Fig. 3).
6. Insert wires through boxes (B114R or B120R, and SC300PRB or SC300PRR). Make sure high and low voltage wires do not come in contact with one another.
7. Install Carlton Old Work Zip Box®, model B114R or B120R (Fig. 4).
8. Install receptacle and faceplate per manufacturer's instructions (Fig. 5).
9. Install low voltage devices and faceplate per manufacturer's instructions (Fig. 6 and Fig. 7).

**Note:** When preparing for later installation of low voltage devices, use a 2 gang blank plate to cover wall opening for a clean finished look.



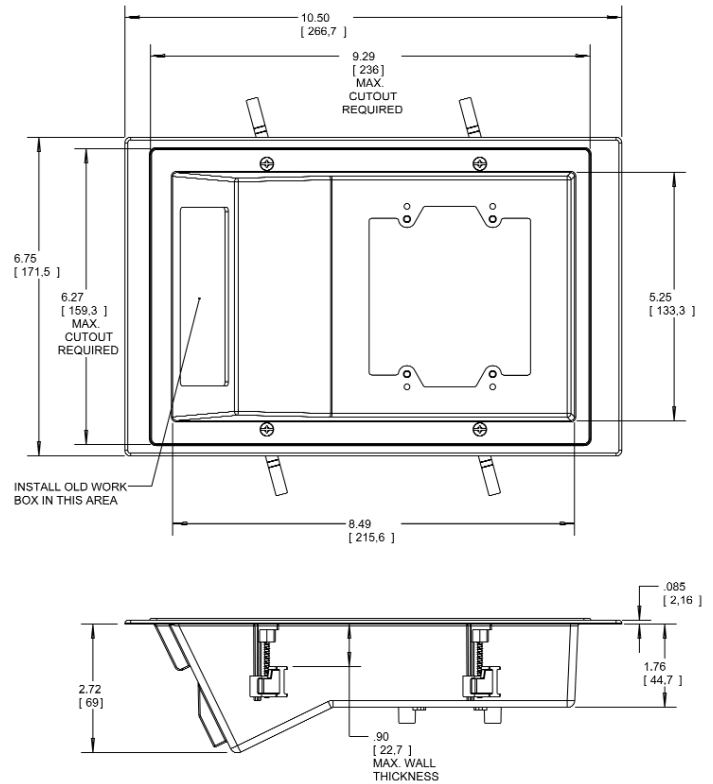


# Carlton® LV Old Work Box



## Specifications

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
SC300PRB	N/A	Zip-Mount retainers	RDV 3-Gang old work plate	6.75 L x 10.5 W x 2.72 D	20
SC300PRR	N/A	Zip-Mount retainers	RDV 3-Gang old work plate w/ outlet box (B114R)	6.75 L x 10.5 W x 2.72 D	3



## Installed



Top view showing ample room between drywall and studs





### Resi-Gard<sup>®</sup> Flexible Raceway

Ideal for providing a main chase from the main distribution panel to a secondary hub in the attic or basement, Resi-Gard<sup>®</sup> non-metallic flexible raceway is available in 3/4" to 2" diameter sizes with factory installed pull tape in sizes 1" to 2". The raceway is hand bendable, lightweight and easily cut to length to reduce scrap. Bright orange color clearly signifies a low voltage installation.

#### Standard Length Coils

CAT. NO.	SIZE	PULL TAPE	DESCRIPTION	REEL LENGTH (FT.)
• SCE4X1-100	3/4"	Empty*	Flexible raceway	100
• SCF4X1C-100	1"	900 lbs.	Flexible raceway	100
• SCG4X1C-100	1 1/4"	900 lbs.	Flexible raceway	100
• SCH4X1C-50	1 1/2"	900 lbs.	Flexible raceway	50
• SCJ4X1C-100	2"	900 lbs.	Flexible raceway	50

• E151168

FT-1 Rated

\*If installing own tape, a lubricated polyester is recommended.

#### Standard Length Reels

CAT. NO.	SIZE	PULL TAPE	DESCRIPTION	REEL LENGTH (FT.)
• SCE4X1-1000	3/4"	Empty	Flexible raceway	1000
• SCF4X1C-1500	1"	900 lbs.	Flexible raceway	1500
• SCJ4X1C-500	2"	900 lbs.	Flexible raceway	500

• E151168

FT-1 Rated

Made to order

### Resi-Gard<sup>®</sup> Fittings

#### Quick Connect Coupling



SCE240E



CAT. NO.	SIZE	STD. CTN. QTY.
• SCE240E	3/4"	25
• SCE240F	1"	20

• E86720

#### Quick Connect Threaded Adapter



SCE243E



CAT. NO.	SIZE	STD. CTN. QTY.
• SCE243E	3/4"	25
• SCE243F	1"	20

• E86720

#### Quick Connect Snap-In-Adapter



SCE253E



CAT. NO.	SIZE	STD. CTN. QTY.
• SCE253E	3/4"	25
• SCE253F	1"	20

• E86720

#### Male Terminal Adapter



SCE943G

CAT. NO.	SIZE	STD. CTN. QTY.
• SCE943G	1 1/4"	50
• SCE943H	1 1/2"	25
• SCE943J	2"	50

• E23018

Must be cemented to Resi-Gard<sup>®</sup> Flexible Raceway using ONLY Resi-Gard Solvent Cement

#### Standard Couplings



SCE940G

CAT. NO.	SIZE	STD. CTN. QTY.
• SCE940G	1 1/4"	30
• SCE940H	1 1/2"	25
• SCE940J	2"	30

• E23018

Must be cemented to Resi-Gard<sup>®</sup> Flexible Raceway using ONLY Resi-Gard Solvent Cement

#### PVC Lock Nut



LT9E



CAT. NO.	SIZE	STD. CTN. QTY.
• LT9LE	3/4"	700
• LT9LF	1"	600

• Non-UL listed

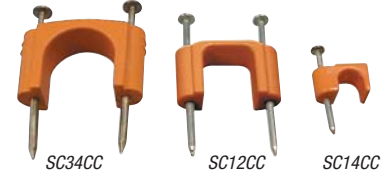


# Carlton® LV

## Accessories - Low Voltage

### Cable Clips

Pre-installed nails provide fast and easy installation for either a single cable, 2-3 cables, or 1 bundled cable.



CAT. NO.	SIZE	STANDARD BAG QUANTITY	STD. CTN. QTY.
SC14CC	1/4"	1 ea. (equals one bag of 100 Clips)	10 bags of 100
SC12CC	1/2"	1 ea. (equals one bag of 25 Clips)	310 bags of 25
SC34CC	3/4"	1 ea. (equals one bag of 10 Clips)	20 bags of 10

### Conduit Clamps

Designed to secure Resi-Gard raceway or bundled cable.



CAT. NO.	SIZE	STANDARD BAG QUANTITY	STD. CTN. QTY.
• SCE977EC	3/4"	1 ea. (equals one bag of 5 clamps)	20 bags of 5
• SCE977FC	1"	1 ea. (equals one bag of 5 clamps)	12 bags of 5
• SCE977GC	1 1/4"	1 ea. (equals one bag of 5 clamps)	8 bags of 5
• SCE977HC	1 1/2"	1 ea. (equals one bag of 5 clamps)	6 bags of 5
• SCE977JC	2"	1 ea. (equals one bag of 5 clamps)	6 bags of 5

• Each clamp requires 2 screws, 2 nuts, and/or 2 bolts

### Resi-Gard® Solvent Cement

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)	RECOMMENDED INSTALLATION TEMPERATURE	LAP SHEAR @ 73°F	VISCOSITY AT 75° AS MANUFACTURED
For use with Resi-Gard® Riser-Gard®, P&C Flex®, and Carlton PVC fittings. Up through 6" diameter.	10°-30°F	Use extra caution	2 hrs. 350 psi	500-900 cps
	30°-50°F	5-6 minutes	16 hrs. 800 psi	
	50°-70°F	3-4 minutes	72 hrs. 1,500 psi	
	70°-90°F	1-2 minutes		

CAT. NO.	SIZE	APPLICATOR	DESCRIPTION	STD. CTN. QTY.
• VC9963SC	Pint	Brush	Resi-Gard® Solvent Cement Clear	24

• Meets ASTM D-2564



VC9963SC





### Cutters

Ideal for fast, smooth field cuts for up to 1" diameter Resi-Gard non-metallic flexible raceway. The large PVC Cutter is ideal for cuts up to 2" diameter non-metallic rigid and flexible raceway.

#### Small Cutter

For fast, smooth field cuts of 1/2" through 1" innerduct.



CC120B

CAT. NO.	SIZE	STD. CTN. QTY.
CC120B	8"	10

#### Large Cutter

For clean cuts of conduit 1/2" through 2".



CC122

CAT. NO.	SIZE	STD. CTN. QTY.
CC122	17 1/2"	1

## Covers and Accessories

### Covers



A410



#### One-Gang

CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN. QTY.
• A410	3.5	1/2" rise	100
• A411	4.2	5/8" rise	50
• A412	5.0	3/4" rise	50
• A413	6.6	1" rise	40
• A414	8.1	1 1/4" rise	30

• UL Listed E11461



A471



#### Round Plaster Ring

CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN. QTY.
• A471	3.2	1/2" rise	100
• A472	4.0	5/8" rise	100

• UL Listed E11461

Listed for fixture support up to 50 lbs.



A400

A420



#### Two-Gang

CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN. QTY.
• A400	–	Blank	100
• A420	6.1	1/2" rise	75
• A421	7.4	5/8" rise	50
• A422	8.8	3/4" rise	50

• UL Listed E11461



A470D

E460R-CAR

CPC4WH



#### Round Blank Cover

CAT. NO.	SIZE CU. IN.	COLOR	DESCRIPTION	STD. CTN. QTY.
• A470D	–	Blue	Blank with 1/2" KO	100
• E460R-CAR	–	Blue	Blank	35
• CPC4WH	–	White	Ceiling box cover	12

• UL Listed E11461

### Accessories



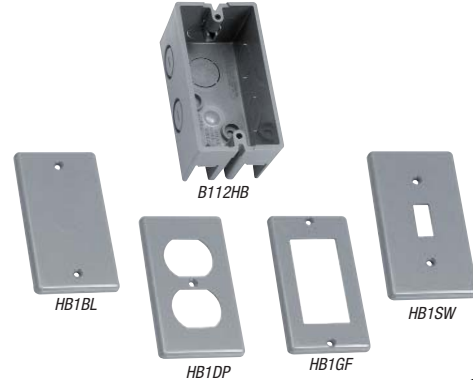
B1EXTB



#### Box Extender

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN. QTY.
• B1EXTB	–	Screws	3 1/4 L x 2 1/4 W	25

• UL Listed E11461



B112HB

HB1BL

HB1DP

HB1GF

HB1SW



#### Handy Box and Covers

CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN. QTY.
B112HB	1 7/8" x 4" x 2 1/8"	Handy Box – one-gang	50
HB1BL	.25" x 4.30" x 2.38"	Blank cover	25
HB1DP	.25" x 4.30" x 2.38"	Duplex receptacle cover	25
HB1GF	.25" x 4.30" x 2.38"	GFCI cover	25
HB1SW	.25" x 4.30" x 2.38"	Toggle switch cover	25

UL Listed E42728



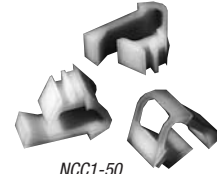
36



36-PFC



40-UB



NCC1-50

### Accessory Clamps and Ground Strap

CAT. NO.	DESCRIPTION	STD. CTN. QTY.
36	Metal stamped clamp and screw unassembled	50
36-PFC	Non-metallic clamp	50
40-UB	Ground strap for phenolic boxes	50
NCC1-50	Non-metallic cable lock clamp for strain relief of non-metallic cable	500 (10 bags of 50)

### NEC Box Requirements\*

*Cubic Inches for 1-40 Conductors*

WIRE SIZE AWG	CUBIC INCH CAPACITY BY NUMBER OF CONDUCTORS																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
18	1.50	3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50	15.00	16.50	18.00	19.50	21.00	22.50	24.00	25.50	27.00	28.50	30.00
16	1.75	3.50	5.25	7.00	8.75	10.50	12.25	14.00	15.75	17.50	19.25	21.00	22.75	24.50	26.25	28.00	29.75	31.50	33.25	36.00
14	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00
12	2.25	4.50	6.75	9.00	11.25	13.50	15.75	18.00	20.25	22.50	24.75	27.00	29.25	31.50	33.75	36.00	38.25	40.50	42.75	45.00
10	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00
	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>40</b>
18	31.50	33.00	34.50	36.00	37.50	39.00	40.50	42.00	43.50	45.00	46.50	48.00	49.50	51.00	52.50	54.00	55.50	57.00	58.50	60.00
16	36.75	38.50	40.25	42.00	43.75	45.50	47.25	49.00	50.75	52.50	54.25	56.00	57.75	59.50	61.25	63.00	64.75	66.50	68.25	70.00
14	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	66.00	68.00	70.00	72.00	74.00	76.00	78.00	80.00
12	47.25	49.50	51.75	54.00	56.25	58.50	60.75	63.00	65.25	67.50	69.75	72.00	74.25	76.50	78.75	81.00	83.25	85.50	87.75	90.00
10	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	72.50	75.00	77.50	80.00	82.50	85.00	87.50	90.00	92.50	95.00	97.50	100.00

\* Make allowance of two additional conductors for each device, one for clamps if required and one for one or more grounding conductors entering the box. See NEC314.16(B), 2005





<u>CAT. NO.</u>	<u>PAGE NO.</u>	<u>CAT. NO.</u>	<u>PAGE NO.</u>	<u>CAT. NO.</u>	<u>PAGE NO.</u>	<u>CAT. NO.</u>	<u>PAGE NO.</u>
1032-C	25	2070	24	3R-16-N-RED	21	5070 Brown	36
1032-UB	25	232-OW	18	4000-02	29	5070 Ivory	36
1040	24	234-LB	16	4000-1-UB	29	5070 White	36
1043	27	234-N	16	4000-N	29	5072 Brown	36
1043-C	27	234-NP	16	4000-N02	29	5072 Ivory	36
1043-C-SQ	27	3000	32	4020-1	29	5072 White	36
1050-UB	24	3000-02	32	4020-1-02	29	5080 Brown	36
1052-C	25	3000-902	32	4022-12	29	5080 Ivory	36
1052-C-SQ	25	3000-9-PC	35	4041	29	5080 White	36
1052-PC	25	3000-9-UB	35	4042-12	29	6000-402	30
1052-UB	25	3000-PC	32	4043	29	6010-402	30
1063	27	3030	32	4051	35	6010-402-PC	30
1063-C	27	3030-02	32	4052 Brown	35	6010-4-PC	30
1063-C-SQ	27	3030-02-40	32	4052 Ivory	35	6010-4-UB	30
1072	25	3030-902	32	4052 White	35	6020-402	31
1072-C	25	3030-PC	32	4060-02	33	6050-4-UB	31
1072-C-SQ	25	3051	35	4060-9402	34	6060-02	30
1072-PC	25	3060	32	4060-9502	34	6060-402	30
114-OW	18	3080	35	4060-N02	33	6062-402	26
118-LB	16	3080-9	35	4061	35	6062-4-UB	26
118-LBP	16	3080-902	35	4062 Brown	35	6062-4-UB-SQ	27
118-N	15	3080-9-40	35	4062 Ivory	35	6063-4	27
118-OW	18	3080-9-40-PC	35	4062 White	35	6063-402	27
120-LB	16	3080-9-PC	35	4070-302	33	6070-402	30
120-LBP	16	3080-9-SQ	35	4070-94	34	6070-4-PC	30
120-N	15	3080-SQ	35	4070-9402	34	6070-4-UB	30
120-N-FS	15	3090-94	34	4070-95	34	6090-402	31
122-LB	16	3090-94-40	34	4070-9502	34	7002-2	26
122-LBP	16	3090-94-SQ	34	4070-95-40	34	7002-202	26
122-N	15	3090-95	34	4070-95-PC	34	7010	31
122-N-FS	15	3090-95-40	34	4070-95-SQ	34	7010-8	31
1240	24	3090-95-SQ	34	4070-N	33	7010-8-SQ	31
1250-112	25	3090-N	32	4070-N02	33	7020-8	31
1250-UB	24	3090-N-40	32	4070-N-SQ	33	7060	31
1250-UB-S	24	3090-N-S	32	40-UB	51	7090	31
1260	24	3090-N-SQ	34	4160-UB	33	7072-2	26
1260-S	24	3190	32	4170	33	7072-202	26
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