

CATALOG

Carlon®

Non-metallic boxes



**Thomas & Betts is now ABB
Installation Products, but our long
legacy of quality products and
innovation remains the same. From
connectors that wire buildings on
Earth to cable ties that help put
machines in space, we continue to
work every day to make, market,
design and sell products that
provide a smarter, safer and more
reliable flow of electricity, from
source to socket.**

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Recognized as the Industry Standard in non-metallic 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. Look for the trademarked color blue to be sure it is a quality Thomas & Betts PVC Box.



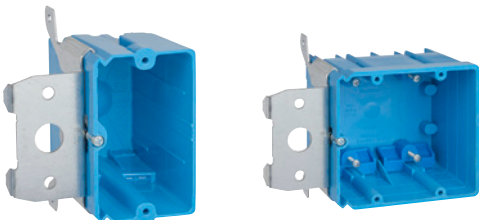
Carlton SuperBlue® boxes

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 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.



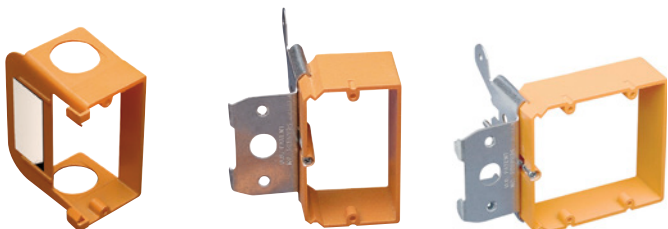
Carlton High Heat boxes

These new 2-hour fire-rated boxes can be installed in the same stud cavity of a shared two-hour wall. Ideal for multi-family construction.



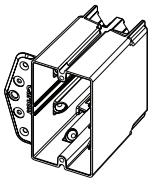
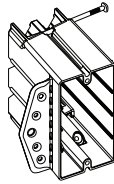
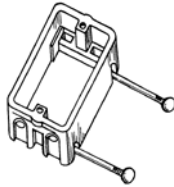
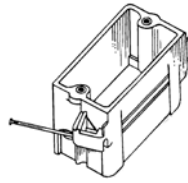
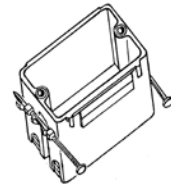
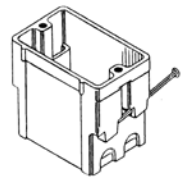
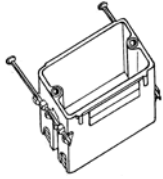
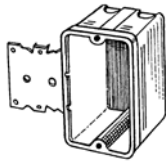
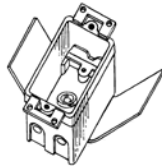
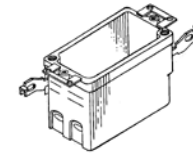
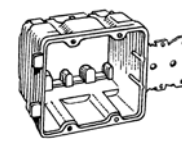
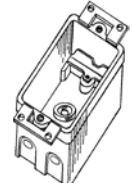
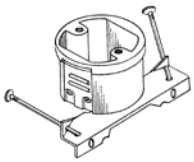
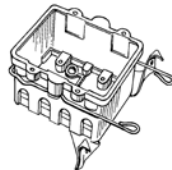
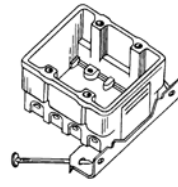
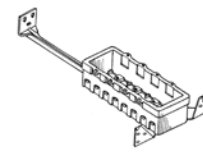
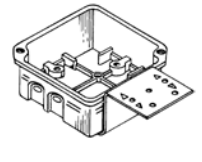
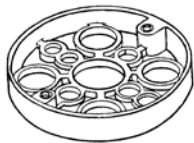
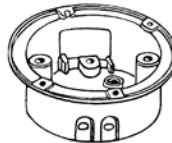
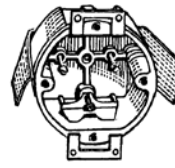
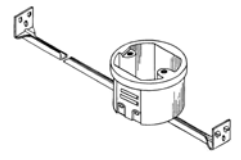
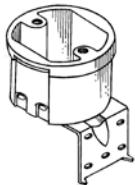
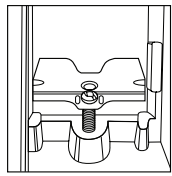
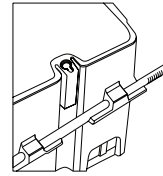
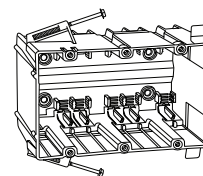
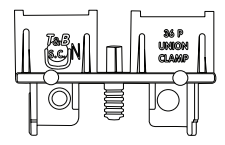
Carlton Phenolic boxes

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 Low Voltage

Carlton adds to its box offering a series of brackets specifically for low voltage applications. These come in orange.

—
01—
02—
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27

— **01 Interior screw guide**
Interior screw pilot hole, used in new work and old work applications. Also allowing for depth adjustment.

— **02 Side flange**
Break-away flange for use in old work application or new work. Used on wood or steel studs.

— **03 Bottom nailed**
Most widely accepted for universal use

— **04 Compound angled nails**
For easy installation and positioning in limited space

— **05 Reverse angled side nails**
For use when installed from backside of drywall

— **06 Recessed angle nails**
For quick positioning on narrow stud spacing

— **07 Angled side nails**
For quick positioning on narrow stud spacing

— **08 SB, #5, #7 offset brackets**
For face mount on wood or steel studs

— **09 Ears, #8 bracket**
Snap-in bracket secures box to wall

— **10 Ears, #4 bracket**
Swing bracket swings into place, secures box to wall

— **11 #738 Offset bracket**
With 3/4" offset for face mount on wood or steel studs

— **12 Ears**
For screw mounting direct to paneling

— **13 "N" Bracket**
Easily positioned for maximum use of box depth

— **14 #2 Bracket**
Sturdy side-mounting bracket, support wire adds rigidity

— **15 "R" Bracket**
Reverse angled nails for use with narrow stud spacing

— **16 Side bracket stabilizer bar**
Bar extends for rigid installation between studs

— **17 #1 Raised face bracket**
For wood or steel studs, allows for 1/2" mud ring, 1/2" drywall

— **18 Nails or screws**
Through bottom

— **19 Screw mount**
Flange with flash ring

— **20 Compound angled side nails**
For easy installation and positioning in limited space

— **21 Screws, #9 snap-in bracket**
Snap-in bracket secures box to wall

— **22 #94, #95 Bar hangers (16" and 24")**
For easy installation, exact centering of ceiling boxes

— **23 #3 Bracket**
Easily positioned for maximum use of box depth

— **24 High clamp feature**
For easy cable entry

— **25 Fast set feature**
For fast device mounting

— **26 Angled screws**
For fast mounting on steel stud

— **27 Non-metallic clamp**
For easy cable entry

Carlton Blue PVC boxes

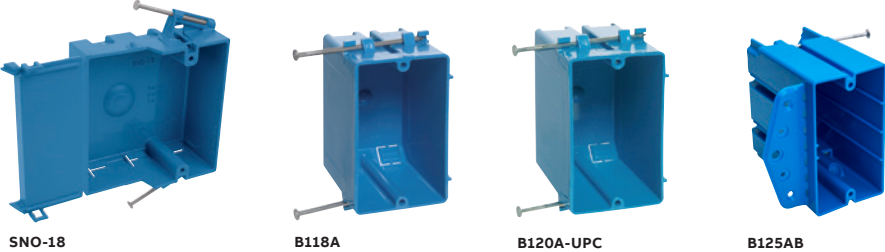
Carlton non-metallic boxes feature PVC construction for easier installation, greater performance and lower installation cost. Designed and listed for use with non-metallic sheathed cable in accordance with Article 314 of the National Electrical Code®, they make fast work of any residential or light commercial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

Features and benefits:

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

One-gang nail-on

New work



SNO-18
B118A
B120A-UPC
B125AB
One-Gang nail-on 18.0–24.5 cu. in.



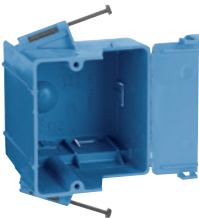
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
SNO-18	18.0	Angled side nails	Hinge closure	4 ¹ / ₁₆ L x 2 ⁵ / ₁₆ opening 3 ⁹ / ₁₆ overall W x 1 ³ / ₄ D	100
B118A	18.0	Captive nails	—	3 ³ / ₄ L x 2 ¹ / ₄ W x 2 ⁷ / ₈ D	100
B120A-UPC	20.0	Captive nails	—	3 ⁷ / ₈ L x 2 ¹ / ₄ W x 3 ¹ / ₄ D	100
B125AB	24.5	Captive nails, side flange, internal screws	Mounts to metal or wood stud, horizontally or vertically, new work or old work.	3 ¹⁵ / ₁₆ L x 2 ⁷ / ₃₂ W x 3 ¹³ / ₁₆ D	24



One-Gang Nail-On



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B122A-UPC	22.0	Captive nails	—	3 ³ / ₄ L x 2 ¹ / ₄ W x 3 ¹ / ₂ D	100



One-Gang Nail-On



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
RD-30	30.0	Recessed angled nails	Large KO for #6 or #8 cable dryer box	3 ¹¹ / ₁₆ L x 2 ⁵ / ₁₆ opening 3 ⁷ / ₈ overall W x 3 ⁵ / ₈ D	50

One-gang brackets

New work



B108B-UPC



B118B-UPC

One-Gang brackets 8.0–18.0 cu.in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions(in.)	Std. Ctn.
B108B-UPC	8.0	Bracket	—	3 5⁄8 L x 2 3⁄8 W x 1 1⁄4 D	25
B118B-UPC	18.0	Bracket for 3⁄8" to 5⁄8" wallboard – steel and wood stud mounting	—	3 3⁄4 L x 2 1⁄4 W x 2 15⁄16 D	5

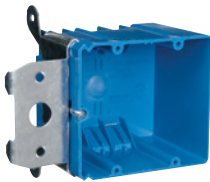
• Manufactured housing — MB-18 and MB-18-FS.

One, two and three-gang adjustable

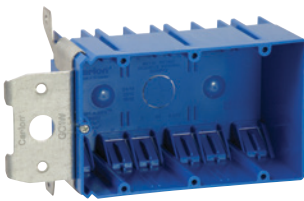
New work



One-gang



Two-gang



Three-gang

Features and benefits:

- Design enables adjustment from 0" to 1 3⁄4" 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

One , two and three-gang adjustable



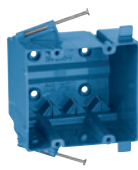
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B121ADJ	21.0	Adjustable bracket	Adjusts 0"–1 3⁄4"	3.65 L x 2.25 W x 3.32 D	24
B234ADJ	34.0	Adjustable bracket	Adjusts 0"–1 3⁄4"	4 W x 3 5⁄8 H x 3 D	16
B234ADJC	34.0	Adjustable bracket	Large 220V knockout	5 5⁄8 W x 3 5⁄8 H x 3 D	16
B349ADJ	49.0	Adjustable bracket	Adjusts 0"–1 3⁄4"	5 13⁄16 L x 3 5⁄8 W x 3 D	16

Two-gang nail-on

New work



B232APC



SN-236-V



SN-241

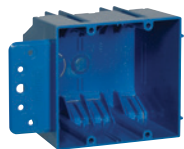
Two-gang nail-on 32.0–41.0 cu. in.



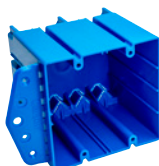
Cat. No.	Size (cu in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B232APC	32.0	Captive nails	—	3 ³ / ₄ L x 4 W x 3 D	50
SN-236-V	36.0	Compound angled nails	³ / ₈ " Offset wallboard tabs molded V-clamp	4 L x 3 ⁵ / ₈ W x 3 ¹ / ₈ D	50
SN-241	41.0	Compound angled nails	³ / ₈ " Offset wallboard tabs molded fast clamp	4 L x 3 ⁵ / ₈ W x 3 ⁵ / ₈ D	50

Two-gang bracket

New work



B232B-UPC



B249B



SCDIVS

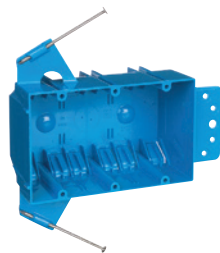
Two-gang bracket 32.0–48.2 cu. in.



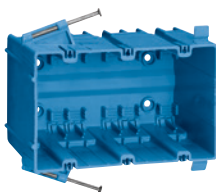
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B232B-UPC	32.0	Bracket for ³ / ₈ " to ⁵ / ₈ " wallboard – steel or wood stud mounting	—	3 ³ / ₄ L x 4 W x 3 D	50
B249B	48.2	Mounts to metal or wood stud with breakaway side flange, new work or old work	Side flange, internal screws	3 ¹⁵ / ₁₆ L x 4 ¹ / ₁₃ W x 3 ¹³ / ₁₆ D	12
SCDIVS		Insert into two-gang B249B	Low voltage divider		5

Three-gang nail-on

New work



B344AB



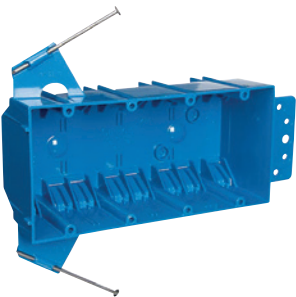
SS-357

Three-gang nail-on 44.0–56.5 cu. in.

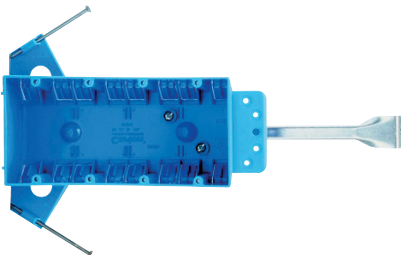


Cat. No.	Size (cu.in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B344AB	44.0	Captive nails and bracket support	—	5 ⁵ / ₈ L x 3 ³ / ₄ W x 2 ¹¹ / ₁₆ D	30
SN-357	56.5	Compound angled nails	³ / ₈ " offset wallboard tabs molded fast clamp	5 ¹³ / ₁₆ L x 3 ⁵ / ₈ W x 3 ⁷ / ₁₆ D	20

Four-gang nail-on
New work



B455A-UPC



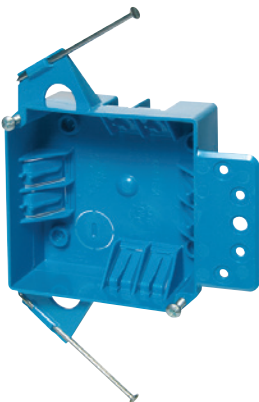
B455AH

Four-gang nail-on 55 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B455AH	55.0	Captive nails, bracket support and hanger bar	—	7 ³ / ₈ L x 3 ⁷ / ₁₆ W x 2 ¹ / ₂ D	25
B455A-UPC	55.0	Captive nails and bracket support	—	7 ³ / ₈ L x 3 ⁷ / ₁₆ W x 2 ¹ / ₂ D	25

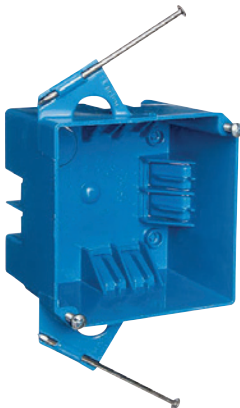
4" Square
New work



B418A-UPC



4S-812C



B432A-UPC

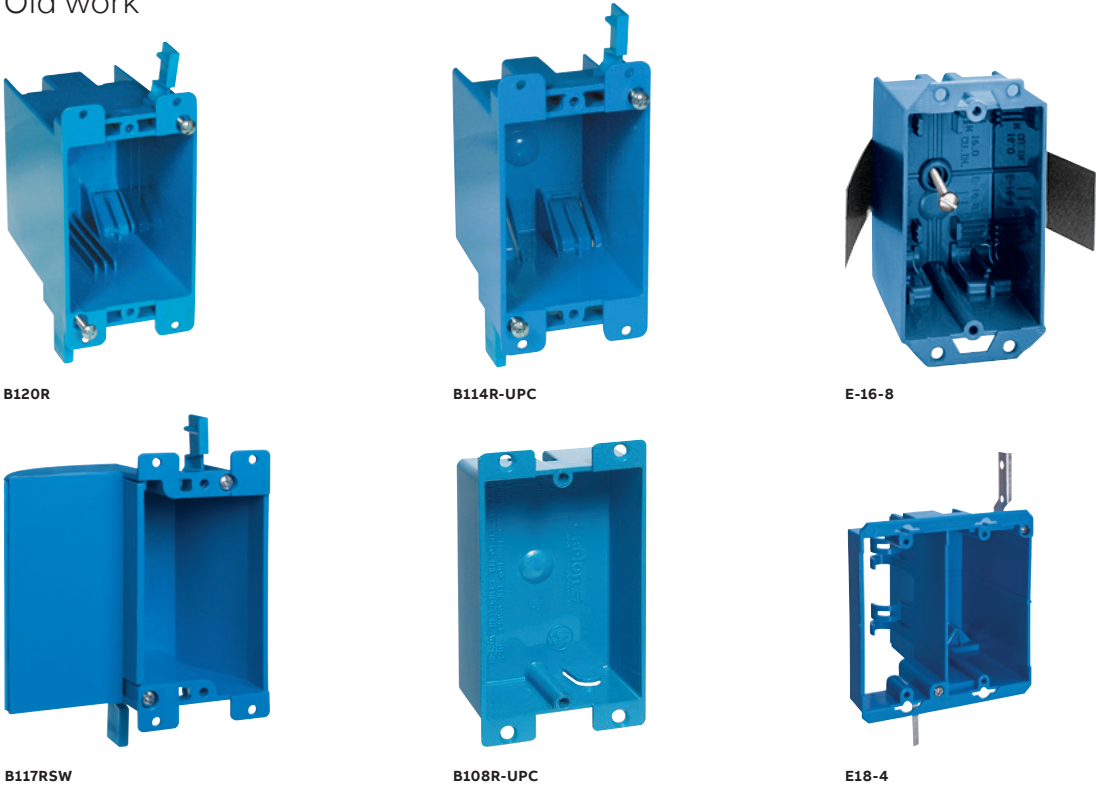
4" Square 18.0–32.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
4S-812C	18.0	Angled side nails	—	1 ⁷ / ₁₆ D x 4 W x 4 L	100
B418A-UPC	18.0	Captive nails	—	1 ⁵ / ₈ D x 4 W x 4 L	75
B432A-UPC	32.0	Captive nails	—	2 ⁵ / ₈ D x 4 W x 4 L	50

One-gang

Old work

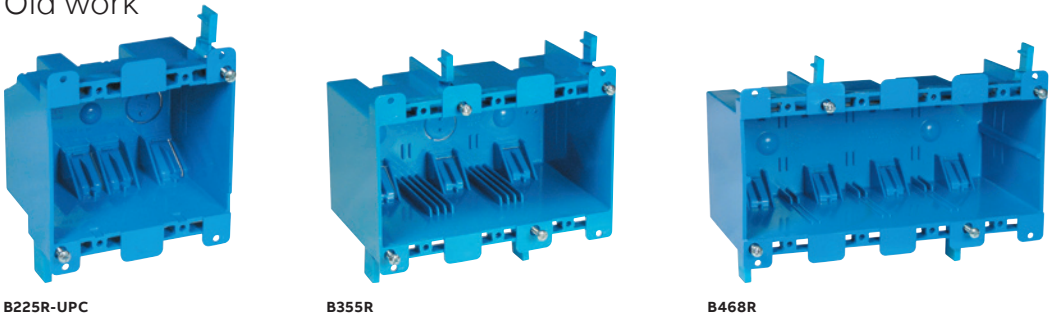


Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B120R •	20.0	Mounting ears and swing bracket	—	4 ¹ / ₈ L x 2 ⁵ / ₁₆ W x 3 ⁵ / ₈ D	50
B114R-UPC •	14.0	Mounting ears and swing clamps	—	4 ¹ / ₈ L x 2 ¹ / ₄ W x 2 ³ / ₄ D	50
E-16-8	16.0	Thermoplastic molded ears #4 snap-in	Molded fast clamps	3 ¹ / ₂ L x 2 ¹ / ₄ W x 2 ¹¹ / ₁₆ 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
B108R-UPC •	8.0	Mounting ears	—	3 ⁵ / ₈ L x 2 ³ / ₈ W x 1 ¹ / ₄ D	25
E-18-4	18.0	Thermoplastic molded ears #4 swing brackets	Integral molded V-clamp	3 ²⁵ / ₃₂ L x 2 ⁷ / ₃₂ W x 2 ¹ / ₄ D	100

• Not UL Classified for Fire Resistance.

Two to four-gang

Old work



Two, three and four-gang 25.0 - 68.0 cu. in.

Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B225R-UPC •	25.0	Mounting ears and two swing clamps	—	3 ¹ / ₁₆ L x 3 ³ / ₈ W x 2 ³ / ₄ D	30
B355R •	55.0	Mounting ears and two swing clamps	—	5.72 L x 2.79 W x 3.69 D	6
B468R •	68.0	Mounting ears and two swing clamps	—	7.57 L x 2.89 W x 3.56 D	6

• Not UL Classified for Fire Resistance.

Ceiling boxes

New work



B518P-UPC



B518A-UPC

3/0 18 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B518A-UPC •	18.0	Captive nails	—	3 Dia. x 2¾ D	75
B518P-UPC •	18.0	Captive nails	Ground lug and screw attached	3 Dia. x 2¾ D	75

• Listed for fixture support up to 50 lbs.



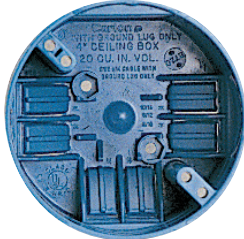
B520A-UPC



B620L-UPC



B520P-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.
B520A-UPC •	20.0	Captive nails	Ground lug and screw attached fixture spacing for 2¾" and 3"	4 Dia. x 2¼ D	75
B520P-UPC •	20.0	Captive nails	Ground lug and screw attached	4 Dia. x 2¼ D	75
B620L-UPC •	20.0	Metal L bracket	Fixture spacing for 2¾" and 3½"	4 Dia. x 2¼ D	100
B720r-SHK •*	20.0	Mounting screws	—	4 Dia. x 2¼ D	18

• Listed for fixture support up to 50 lbs.

* 35lbs. maximum fan weight

Ceiling boxes with bar hanger



B620DC



B620HG-UPC



B620K



B620KG-UPC

3/0–4/0 Combination 20.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B620DC •	20.0	24" T-Grid bar hanger	Ceiling box fixture spacing for 2¾" and 3½"	4 dia. x 2¼ D	18
B620HG-UPC •	20.0	11.50"–14.50" Adjustable bar hanger Ground lug and screw attached	Ceiling box fixture spacing for 2¾" and 3½"	4 dia. x 2¼ D	75
B620K •	20.0	14.38"–22.50" Adjustable bar hanger	Ceiling box fixture spacing for 2¾" and 3½"	4 dia. x 2¼ D	75
B620KG-UPC •	20.0	14.38"–22.50" Adjustable bar hanger Ground lug and screw attached	Ceiling box fixture spacing for 2¾" and 3½"	4 dia. x 2¼ D	75

• Listed for fixture support up to 50 lbs.

Round box

Old work



B618RP-UPC



B618R-UPC

4" Round 18.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
B618R-UPC •	18.0	Swing clamps	—	4¼ Dia.	100
B618RP-UPC •	18.0	Swing clamps	Ground lug	4¼ Dia.	100

• Not UL Classified for Fire Resistance or used for fixture support in the ceiling.

One-gang



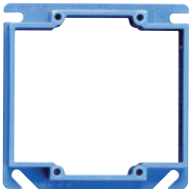
• UL Listed E11461.

Cat. No.	Size (cu. in.)	Description	Std. Ctn.
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

Two-gang



A400



A420

• UL Listed E11461.

Cat. No.	Size (cu. in.)	Description	Std. Ctn.
A400 •	—	Blank	100
A420 •	6.1	1/2" Rise	75
A421 •	7.4	5/8" Rise	50
A422 •	8.8	3/4" Rise	50

Round plaster ring



• UL Listed E11461. Listed for fixture support up to 50 lbs.

Cat. No.	Size (cu. in.)	Description	Std. Ctn.
A471 •	20.375	5/8" Rise	100
A472 •	4.0	1/2" Rise	100

Round blank cover



A470D



E460R-CAR

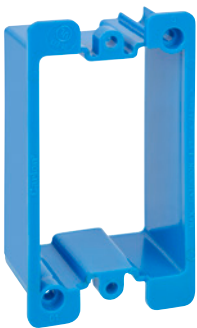


CPC4WH

• UL Listed E11461. Listed for fixture support up to 50 lbs.

Cat. No.	Size (cu. in.)	Color	Description	Std. Ctn.
A470D •	—	Blue	Blank with 1/2" KO	100
E460R-CAR •	—	Blue	Blank	35
CPC4WH •	—	White	Ceiling box cover	12

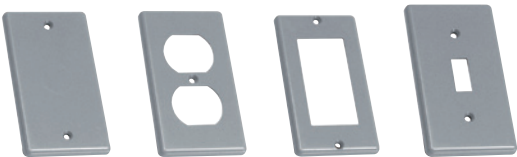
Box extender



Cat. No.	Size cu. in.	Mounting means	Description	Std. Ctn.
B1EXTB	—	Screws	3¼ L x 2¼ W	25

UL Listed E11461.

Handy box and covers

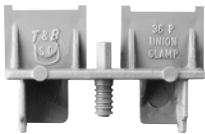


HB1BL HB1DP HB1GF HB1SW



Cat. No.	Size cu. in.	Description	Std. Ctn.Qty.
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

Accessory clamps and ground strap



36-PFC

Cat. No.	Description	Std. Ctn.
36-PFC	Non-metallic clamp	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
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
#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 NEC® 314.16(B).

Carlton SuperBlue 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, Carlton SuperBlue boxes are so strong they won’t crack or break in extreme environments. So rigid that they resist flexing and hold their shape even in the most challenging 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.


- Features and benefits:**
- All PVC boxes are listed to UL514C
 - All PVC boxes are listed for masonry walls
 - All PVC boxes are UL® Classified for two-hour fire wall and/or fire ceiling
 - All PVC boxes meet NEMA OS-2
 - All PVC boxes are permissible for use with 90°C conductors
 - UL File E11461 and R9140

One-gang

New work

One-gang 22.0 cu. in.




	Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
 BH122AUP	BH122A-UPC	22.0	Nails	One-gang	3.55 L x 2.11 W x 3.63 D	100
	BH122S	22.0	Screws	One-gang	3.55 L x 2.11 W x 3.63 D	100

Two-gang

New work

Two-gang 35.0 cu. in.




	Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
 BH235A	BH235A	35.0	Nails	Two-gang	3.55 L x 2.11 W x 3.50 D	48
	BH235S	35.0	Screws	Two-gang	3.55 L x 2.11 W x 3.50 D	48

Low-voltage

Divider plate



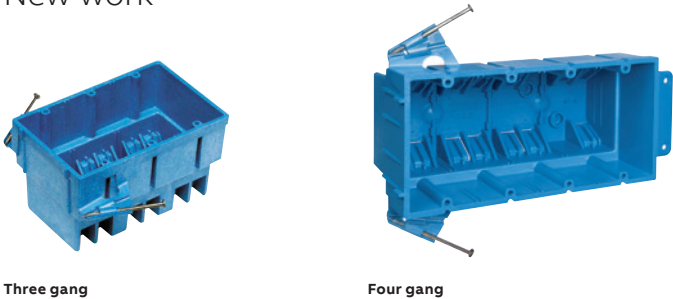
Cat. No.	Std. Ctn.
SCDIV•	50



• For use with Carlton® SuperBlue™ boxes only.

Three and four-gang

New work



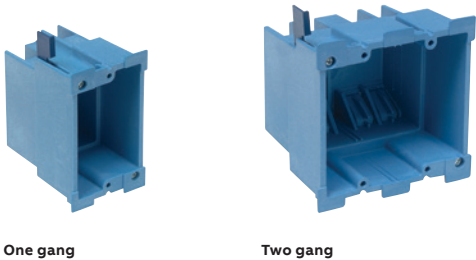
Three and four-gang 53.0 - 64.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
BH353A	53.0	Nails	Three-gang	3.53 L x 5.66 W x 3.50 D	24
BH353S	53.0	Screws	Three-gang	3.53 L x 5.66 W x 3.50 D	24
BH464A	64.0	Nails	Four-gang	3.53 L x 7.46 W x 3.18 D	36

One and two-gang

Old work



One and two-gang 18.0 - 34.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
BH118R •	18.0	Mounting ears & swing clamps	One-gang	4.30 L x 2.56 W x 3.64 D	36
BH234R •	34.0	Mounting ears & swing clamps	Two-gang	4.30 L x 4.36 W x 3.59 D	18

• Not UL Classified for Fire Resistance.

Ceiling boxes

New work



BH525A-UPC



BH525P

3/0–4/0 Combination 25.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
BH525A-UPC •	25.0	Nails	Ceiling box	4 Dia. x 3.00 D	48
BH525P •	25.0	Nails and grounding lug	Ceiling box	4 Dia. x 3.00 D	24

• Listed for fixture support up to 50 lbs.



Fan box 25.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
BH525L •	25.0	Nails	Ceiling fan box	4 Dia. x 3.06 D	24

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



BH525H



BH525HP

Ceiling box with hanger bar 25.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
BH525H •	25.0	Hanger bar 11½"–18½"	Ceiling box	4 Dia. x 2.95 D	20
BH525HP •	25.0	Hanger bar 11½"–18½", Grounding lug	Ceiling box	4 Dia. x 2.95 D	20

• Listed for fixture support up to 50 lbs.

Ceiling boxes

Old work



BH614R



BH614RP

3½" 14.5 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
BH614R • †	14.5	Base, ears & snap-in bracket	Round old/new work box	3½ Dia.	24
BH614RP • †	14.5	Base, ears & snap-in bracket	Round old/new work box w/ground lug	3½ Dia.	24

• Listed for wall fixture support up to 10 lbs.

† Tighten screws to 10 in.-lbs.

Carlton Black Polycarbonate boxes

Carlton non-metallic boxes feature a rugged polycarbonate construction to withstand extreme temperatures.

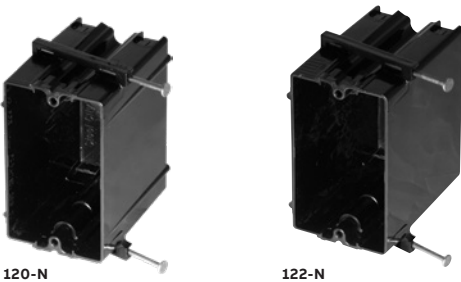
- All Polycarbonate boxes are listed to UL514C
- All Polycarbonate boxes are listed for masonry walls

Features and benefits:

- 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°C conductors
- UL® File E11461 and R9140

One-gang nail-on

20.3–22.5 Cu. In.



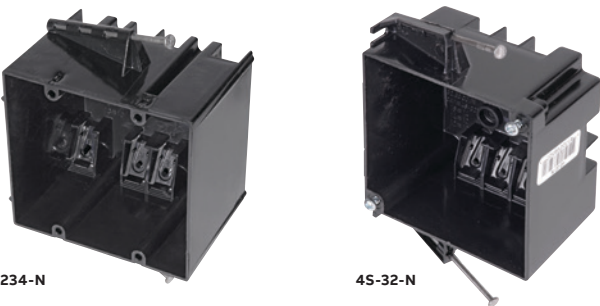
One-gang nail-on 20.3 - 22.5 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
120-N	20.3	Angled side nails	—	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

Two-gang nail-on

32.0 - 34.0 Cu. In.



Two-gang nail-on 32.0 - 34.0 cu. in.



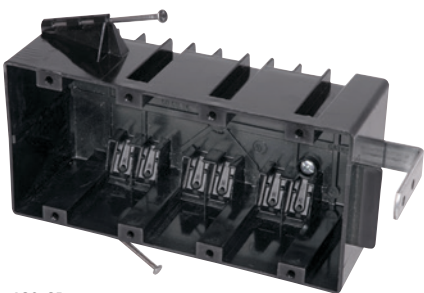
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
45-32-N	32.0	Angled side nails	POSI-WEDGE® cable clamps	4 L x 4 W x 3¾ D	50
234-N	34.0	Angled side rails	POSI-WEDGE® cable clamps	3¾ L x 4 W x 3¾ D	50

Three and four-gang nail-on

New work



345-N



460-SB

Three and four-gang nail-on 45.0 - 60.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
345-N	45.0	Angled side nails & steel side brackets	POSI-WEDGE® cable clamps	3¾ L x 5 ¹³ / ₁₆ W x 2¾ D	20
460-SB	60.0	Angled side nails & back bracket	POSI-WEDGE® cable clamps	3¾ L x 7 ⁹ / ₁₆ W x 2¾ D	10

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.



One-gang 18.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
FN-18-OWV	18.0	Swing clamps	Vapor barrier	4 1/4 L x 2 1/2 W x 2 1/2 D	6



FN-23



FN-236-V



FN-354-V



FN-460-V

One-, two-, three- and four-gang 22.5 - 60.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
FN-23	22.5	Angled side nails	Vapor barrier	3 5/8 L x 2 1/4 W x 3 5/8 D	50
FN-236-V	36.0	Angled side nails	Vapor barrier	3 1/2 x 4 x 3 1/4 D	50
FN-354-V	54.0	Angled side nails	Vapor barrier	3 1/2 x 5 5/8 x 3 1/4 D	20
FN-460-V	60.0	Angled side nails	Vapor barrier	3 1/2 x 7 1/2 x 2 3/4 D	10



FN-426-C-V



FN-CFB

Ceiling fan/fixture box 26.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
FN-426-C-V	26.0	Angled side nails	—	4 L x 4 W x 2 3/4 D	50
FN-CFB	26.0	#3 Bracket	—	4 L x 4 W x 2 3/4 D	50

Listed for fixture support up to 50 lbs.



DraftTight® box hanger bar



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
FN-CFB-HB	26.0	Adjustable hanger bar	DraftTight® ceiling box fixture and hanger for joists from 16" to 24"	4 L x 4 W x 2 3/4 D	6

Saddle-type ceiling fanboxes

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

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

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

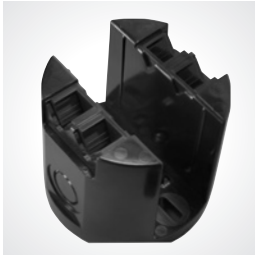
04 CFB-16 features ½" KOs in addition to V-clamps.



01



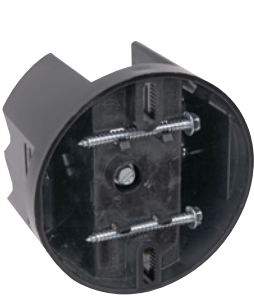
02



03



04



CFB-12



CFB-16

Saddle-type fan 12.0–16.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Depth (in.)	Std. Ctn.
CFB-12 •	12.0	Non-metallic saddle-type ceiling fan box with V-clamps for non-metallic sheathed cable	2¼	50
CFB-16 •	16.0	Non-metallic saddle-type ceiling fan box with V-clamps for non-metallic sheathed cable and two ½" KOs	2¼	50

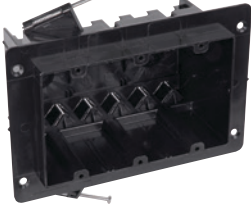
• Listed for fan support up to 70 lbs. and fixture support up to 70 lbs.

Universal flanged

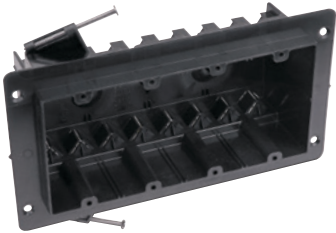
Nail-on boxes



NG-236-V



NG-354-V



NG-460-V

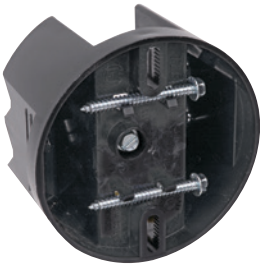
Two-, three- and four-gang



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
NG-236-V •	36.0	Angled side nails	2-gang wall	3½ L x 4 W x 3¼ D	50
NG-354-V •	54.0	Angled side nails	3-gang wall	3½ L x 5¾ W x 3¼ D	20
NG-460-V •*	60.0	Angled side nails	4-gang wall	3½ L x 7½ W x 2¾ D	10

• NG Boxes have ½" offset wallboard flange and V-type cable entry.
* Not UL Classified for fire wall and/or fire ceiling.

Saddle-type fan/fixture
16.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
CFB-16-F	16.0	Center screw	Ceiling fan/fixture	4 L x 4 W x 3 ⁵ / ₁₆ D	50

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



3R-16-N

3R-16-NGP

N-423-C-V

3¹/₂" and 4" Nail-on 16.0 - 22.5 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
3R-16-N •	16.0	Angled nails	POSI-WEDGE® cable clamps	2 ¹ / ₄	50
3R-16-NGP •	16.0	Angled nails	POSI-WEDGE® cable clamps	2 ¹ / ₄	50
N-423-C-V •	22.5	Angled side nails	Molded V-clamps	4 Dia. x 2 ¹ / ₂ D	50

• Listed for fixture support up to 50 lbs.



CFB-612

CFB-612

CFB-858

Pan boxes



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
CFB-612	6	Screws	Round pan type ceiling fan/fixture box with v-clamp	4	25
CFBSO-612	6	Screws	Snap-on round pan type ceiling fan/fixture box with v-clamp	4	25
CFB-858	6	Screws	Screws round pan type ceiling fan/fixture box with v-clamp	4	25

Ceiling boxes with bar hanger

- Meets NEMA OS-2



N-321-GC-94



N-423-C-95-V



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
N-321-GC-94 •	20.5	16" Bar hanger, 12¼" min.–19" max.	Molded fast clamps, ground strap installed	3½ Dia. x 3⅞ D	50
N-423-C-95-V •	22.5	24" Bar hanger, 16½" min.–27" max.	Molded fast clamps	4 Dia. x 2½ D	50

• Listed for fixture support up to 50 lbs.



3R-16-BH



3R-16-BHGP



3½" Ceiling box with bar hanger 16.0 cu. in.

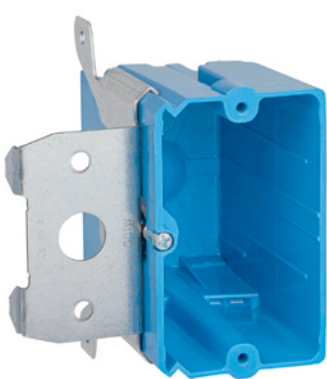
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
3R-16-BH •	16.0	Adjustable 16"–24" bar hanger	POSI-WEDGE® cable clamps	2¼	25
3R-16-BHGP •	16.0	Adjustable 16"–24" bar hanger	POSI-WEDGE® cable clamps	2¼	25

• Listed for fixture support up to 50 lbs.

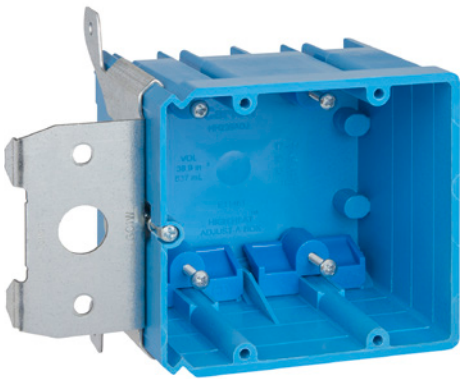
New high-heat box UL Listed for 2-hour fire wall
Comes with flexibility of the Adjust-A-Box® line

New fire rating! Carlon High-Heat BLUE boxes can be installed in the same stud cavity of a shared two-hour wall. The double gang box may also be installed back-to-back on 6" studs in the same cavity. Ideal for multi-family construction!

- Features and benefits:**
- Removing the box from bracket on the single gang allows to upgrade to a double gang box, ideal for old work applications
 - The steel bracket is designed to be used with steel or wood studs



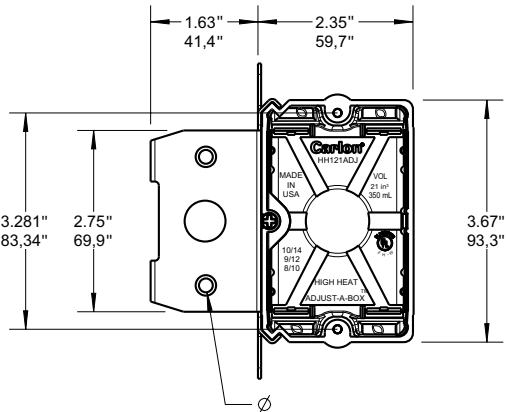
HH121ADJ



HH239ADJ



Cat. No.	Size capacity (cu. in. ³)	Size (in.)	Description	Mounting	Std. Ctn.
HH121ADJ	21.0	3.6 H x 2.35 W x 3.59 D	Single gang, adjustable up to 1 3/4"	Adjustable bracket wood/steel stud	24
HH239ADJ	38.0	3.75 H x 4.05 W x 2.95 D	Double gang, adjustable up to 1 3/4"	Adjustable bracket wood/steel stud	16

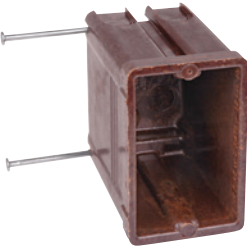


Carlon phenolic boxes

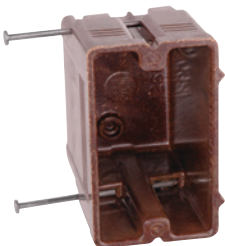
New fire rating! Carlon phenolic boxes can be installed in the same stud cavity of a shared two-hour wall. They may also face opposite directions with only a 3" horizontal separation– ideal for multi-family construction!

- Features and benefits:**
- 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°C conductors
 - UL® File E11461 and R9140

One-gang nail-on



2000

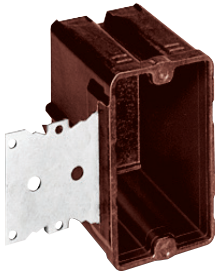


1260



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
2000	18.0	Bottom nails	“Classic”	3 ¹¹ / ₁₆ L x 2 ¹ / ₄ W x 3 ³ / ₈ D	100
1260	22.5	Recessed angled nails	—	3 ⁷ / ₈ L x 2 ³ / ₈ W x 3 ²¹ / ₃₂ D	50

One-gang brackets



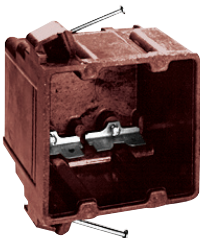
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
2000-738	18.0	3⁄8" Offset bracket for wood/steel studs	—	3 ⁵ / ₈ L x 2 ¹ / ₄ W x 2 ³ / ₄ D	100

Two-gang brackets

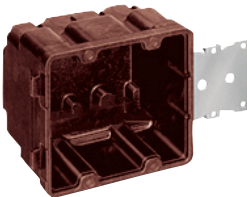
New work



1052-C



1072-C



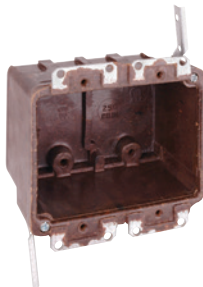
2002-738



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
1052-C	32.5	Compound angled nails	High clamps	3 ⁵ / ₈ L x 4 ¹ / ₁₆ W x 2 ¹ / ₁₆ D	50
1072-C	40.5	Compound angled nails	High clamps	3 ⁵ / ₈ L x 4 ¹ / ₁₆ W x 2 ¹ / ₁₆ D	50
2002-738	34.0	³ / ₈ " Offset brackets for wood/steel studs & #36 clamps, bulk packet	³ / ₈ " Offset wallboard tabs	3 ¹ / ₁₆ L x 4 ³ / ₁₆ W x 3 ¹ / ₄ D	50

Two-gang bracket

Old work



6062-4-UB



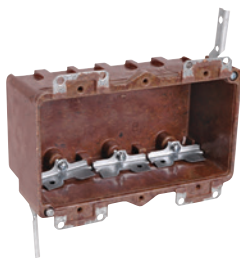
Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
6062-4-UB	25.0	Ears, #4 swing bracket	High clamps	3 ³ / ₈ L x 4 ³ / ₁₆ W x 2 ¹ / ₂ D	50

Three-gang brackets

Old work



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
1063-C	58.5	Compound angled nails	High clamps	3 ²¹ / ₃₂ L x 5 ¹⁵ / ₁₆ W x 3 ²¹ / ₃₂ D	20

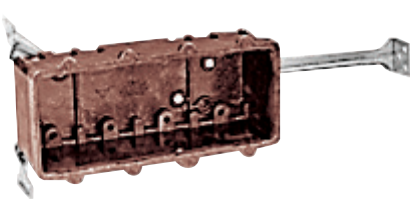


For old work only



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
6063-4	37.0	Ears, #4 swing bracket	High clamps	3 ³ / ₈ L x 5 ¹ / ₁₆ W x 2 ¹ / ₂ D	100

Four-gang brackets



7074-BH



2004-BH

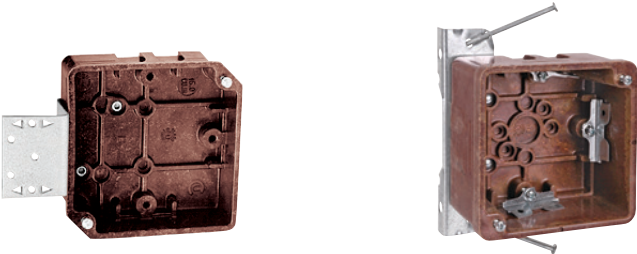


2004-238



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
7074-BH	48.0	Side bracket & stabilizing bar	High clamps	3 ⁵ / ₁₆ L x 7 ⁵ / ₈ W x 2 ⁵ / ₈ D	10
2004-BH	60.0	Side bracket & stabilizing bar	High clamps	3 ⁵ / ₈ L x 7 ²³ / ₃₂ W x 3 ¹ / ₁₆ D	10
2004-238	60.0	2-offset brackets	High clamps	3 ⁵ / ₈ L x 7 ²³ / ₃₂ W x 3 ¹ / ₁₆ D	10

4" Square boxes nail-on brackets



4020-1-02

4000-N



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
4020-1-02	16.0	½" raised face bracket for wood/steel studs	#36 Clamps, bulk packed	4 ⁵ / ₁₆ L x 4 ⁵ / ₁₆ W x 1 ¹ / ₄ D	50
4000-N	30.0	"N" bracket	High clamps	4 ¹ / ₄ L x 4 ¹ / ₄ W x 2 ³ / ₈ D	50

Plaster rings and covers
for 4" square boxes



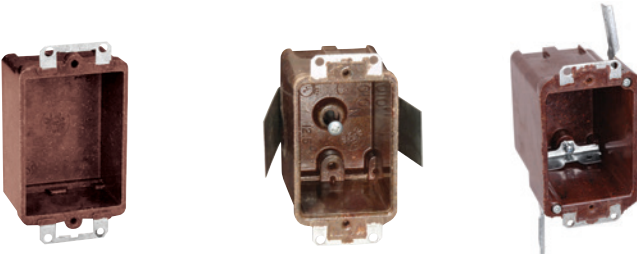
4041

4042-12



Cat. No.	Size (cu. in.)	Description	Dimensions (in.)	Std. Ctn.
4041	—	4" square flat back	4 ¹ / ₄ L x 4 ¹ / ₄ W x 4 ¹ / ₄ D	100
4042-12	4.0	4" square single-gang plaster ring, ½" offset	4 ¹ / ₄ L x 4 ¹ / ₄ W x 4 ¹ / ₄ D	100

One-gang brackets
Old work



7090

7010-8

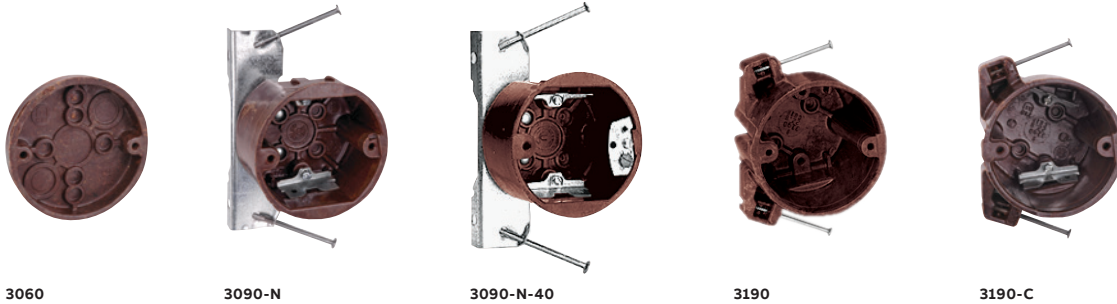
60104-UB

7.5–18.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
7090	7.5	Ears	—	3 ¹ / ₄ L x 2 ¹ / ₄ W x 1 ⁷ / ₁₆ D	100
7010-8	12.5	Ears, #8 snap-in bracket	High clamps	3 ¹ / ₄ L x 2 ³ / ₁₆ W x 2 ¹ / ₁₆ D	50
60104-UB	18.0	Ears, #4 swing brackets	High clamps	3 ³ / ₈ L x 2 ³ / ₈ W x 3 ¹ / ₄ D	50

Nail-on



3 1/2" Nail-on 13.5–22.8 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
3060 †	3.5	Nails or screw mount, 3 1/16" 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
3190 •	22.8	Compound angled nails	#36 Clamps, bulk packed	3 1/2 Dia. x 3 1/4 D	50
3190-C •	22.8	Compound angled nails	High clamps	3 1/2 Dia. x 3 1/4 D	50

† Not UL listed

• Listed for fixture support up to 50lbs.

4" Nail-on

Brackets



13.5–21.5 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
4060-02 •	13.5	Nail or screws	#36 clamps, bulk packed	4 dia. x 1 5/8 D	100
4060-N02 •	13.5	"N" bracket, bulk packed with nails	#36 clamps	4 dia. x 1 5/8 D	50
4160-UB •	16.0	Compound angled side nails	#36 clamps, bulk packed	4 dia. x 1 5/16 D	50
4070-302 •	20.8	#3 bracket	#36 clamps, bulk packed	4 dia. x 2 3/8 D	50
4070-N •	20.8	"N" bracket with nails	High clamps	4 dia. x 2 3/8 D	50
4070-N02 •	20.8	"N" bracket with nails	#36 clamps, bulk packed	4 dia. x 2 3/8 D	50
4070-N-SQ •	20.8	"N" bracket with screws	High clamps	4 dia. x 2 3/8 D	50
4170 •	21.5	Compound angled side nails	#36 clamps, bulk packed	4 dia. x 2 7/16 D	50
4170-C •	21.5	Compound angled side nails	High clamps	4 dia. x 2 7/16 D	50
4170-CFB •	21.5	—	4 1/16 dia.	10	10
4170-3-CFB •	21.5	3" bracket	4 1/16 dia.	10	10

• Listed for fixture support up to 50lbs.

3½" Ceiling box
with bar hanger



3090-94



3090-94-40



3090-95



3090-95-40



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
3090-94 •	13.5	16" bar hanger, 12¼" min.–19" max.	High clamps	3½ dia. x 2⅞ D	50
3090-94-40 •	13.5	16" bar hanger, 12¼" min.–19" max.	High clamps & #40 ground strap	3½ dia. x 2⅞ D	50
3090-95 •	13.5	24" bar hanger, 16½" min.–27" max.	High clamps	3½ dia. x 2⅞ D	50
3090-95-40 •	3.5	24" bar hanger, 16½" min.–27" max.	High clamps & #40 ground strap	3½ dia. x 2⅞ D	50

• Listed for fixture support up to 50 lbs.

4" Outlet boxes
with bar hanger



4070-95



4070-95-40



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
4070-95 •	20.8	24" bar hanger, 16½" min.–27" max.	High clamps	4 dia. x 2⅞ D	50
4070-95-40 •	20.8	24" bar hanger, 16½" min.–27" max.	Ground strap	4 dia. x 2⅞ D	50

• Listed for fixture support up to 50 lbs.

Plaster rings and covers

For 4" outlet boxes



4052 Brown



4052 White



Cat. No.	Size (cu. in.)	Description	Dimensions (in.)	Std. Ctn.
4052 Brown	—	Round flat blank with 4" O.D.	3¼–4 Dia.	100
4052 White	—	Round flat blank with 4" O.D.	3¼–4 Dia.	100

Ceiling boxes

Old work



3080



3080-9



3080-902



3080-9-40

3½" brackets 14.0 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
3080 †	14.0	Ears	High clamps	3½ Dia. x 2⅞ D	50
3080-9 •	14.0	#9 Snap-in bracket	High clamps	3½ Dia. x 2⅞ D	50
3080-902 •	14.0	#9 Snap-in bracket	#36 Clamps bulk packed	3½ Dia. x 2⅞ D	50
3080-9-40 •	14.0	#9 Snap-in bracket	High clamps & #40 ground strap	3½ Dia. x 2⅞ D	50

• Listed for fixture support up to 15 lb. in walls only.
† Listed for fixture support up to 50 lbs.

One-gang



5070 White



Cat. No.	Size (cu. in.)	Mounting means	Dimensions (in.)	Std. Ctn.
5070 White	14.0	Screws	4½ L x 2¾ W x 1⅞ D	100

Two-gang



5072 Brown



5072 Ivory



5072 White

—
23.8 cu. in.



Cat. No.	Size (cu. in.)	Mounting means	Dimensions (in.)	Std. Ctn.
5072 Brown •	23.8	Screws	4⅞ L x 4½ W x 1⅞ D	50
5072 Ivory	23.8	Screws	4⅞ L x 4½ W x 1⅞ D	50
5072 White	23.8	Screws	4⅞ L x 4½ W x 1⅞ D	50

• Note: Only the “Brown” is Phenolic — the White and Ivory are a urea material.

6½" Outside diameter



5080 Brown



5080 Ivory



5080 White

—
3.8 cu. in.



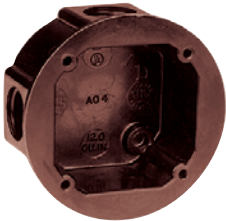
Cat. No.	Size (cu. in.)	Mounting means	Dimensions(in.)	Std. Ctn.
5080 Brown •	3.8	Screws, box O.D.	6¼ L x 3⅞ W x ¾ D	50
5080 Ivory	3.8	Screws, box O.D.	6¼ L x 3⅞ W x ¾ D	50
5080 White	3.8	Screws, box O.D.	6¼ L x 3⅞ W x ¾ D	50

• Note: Only the “Brown” is Phenolic — the White and Ivory are a urea material.

AO Round conduit boxes and covers



AO4-12



AO4-34



AO-51



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
AO4-12 •	12.0	Four 1/2" threaded KOs	Round box	4 1/8 dia. x 1 7/8 D	10
AO4-34 •	12.0	Four 3/4" threaded KOs	Round box	4 1/8 dia. x 1 7/8 D	10
AO-51 •	—	Stainless steel screws	Black cover with gaskets	—	10

• Not UL Listed.

Weatherproof device boxes and covers



FSC-12



FSC-34



FSC-51



FSC-55



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
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-51 •	—	Stainless steel screws	Blank cover with gaskets	—	10
FSC-55 •	—	Stainless steel screws	Switch cover with gasket	—	10

• Not UL Listed.

Dual-voltage

Box/bracket



E-18-4-DV



SC200DV



SN-21-DV

Features and benefits:

- Dual-voltage capability
- Accepts a two-gang faceplate
- ¾" 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	Dimensions (in.)	Std. Ctn. Qty.
E-18-4-DV•	18.0	Dual voltage	3¾ L x 4 W x 3 D	50
SC200DV•	20.5	Angled side nails	3.69 L x 4.04 W x 3.67 D	16
SN-21-DV•	20.5	Angled side nails	35/8 L x 4 W x 3⅞ D	50

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

Low-voltage

Box/bracket

Features and benefits:

- 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:

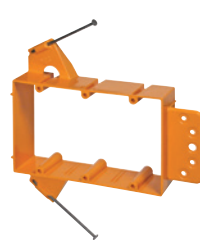
- Resi-Rings® with concentric knockouts
- Accepts ¾", 1" and 1¼" Resi-Gard®
- Horizontal mounting bracket (one-gang only)
- Breakaway drywall support flange provides easy alignment for ½" drywall
- Screw-mount option
- Breakaway vertical mounting flange
- Breakaway feature enables the use of the Low-voltage add-on bracket



SC100A



SC200A



SC300A



Where noted
by ●

Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
SC100A•	N/A	Captive nails	¾", 1", 1¼" Resi-Rings®	3.73 L x 2.32 W x 3.15 D	24
SC200A•	N/A	Captive angled nails	¾", 1", 1¼" Resi-Rings®	3.77 L x 4.07 W x 3.15 D	24
SC300A• ●	44	Captive angled nails	—	3.69 L x 5.81 W x 1.50 D	5

• UL Listed E216492.

Low-voltage
Add-on bracket



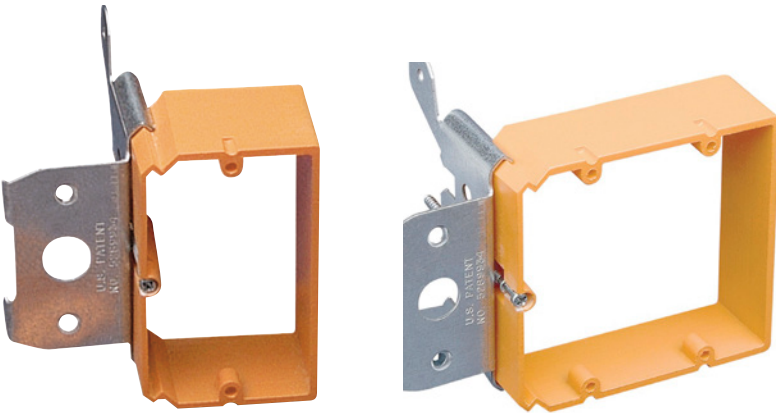
- Features and benefits:**
- Dual-voltage capability accommodates high- and low-voltage devices in the same box
 - Attaches to virtually any non-metallic electrical box as long as there's a side for the tape to stick to
 - Accepts a two-gang faceplate
 - 3/4" Resi-Rings®
 - Enables the installation of most rectangular yoke plates



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
SC100SC•	N/A	Tape	1-gang	3.68 L x 2.36 W x 3.10 D	24

• UL Listed E216492.

Low-voltage
Adjustable brackets



- Features and benefits:**
- 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



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
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.

Old work
Brackets



SC100RR



SC200RR

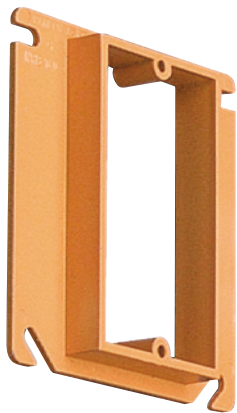
- Features and benefits:**
- Rectangular flange for faster/easier installation
 - Shallow bracket – less material, easier to work with
 - Marking hole for wall opening
 - Thinner flange for less protrusion on the wall
 - SINGLE-GANG ONLY – clamps stop at center point to prevent the bracket from twisting or bending out of the wall



Cat. No.	Size (cu. in.)	Mounting means	Description	Dimensions (in.)	Std. Ctn.
SC100RR•	N/A	Adjustable bracket	1-gang	4.32 L x 2.52 W x 1.66 D	12
SC200RR•	N/A	Adjustable bracket	2-gang	4.28 L x 4.28 W x 1.66 D	6

• UL Listed E216492.

Mud ring
(4" square 1/2" raised cover)



Cat. No.	Description	Std. Ctn.
SCA410•	1-gang	20

• Note: Classified for two-hour fire-resistive wall assemblies when used with Two-gang Quick-Connect outlet and switch boxes.
UL Listed E11461.

Low-voltage structured cable management system



Recessed dual-voltage 3-gang old work plate

The New Carlon® 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!



Recessed Dual-Voltage 3-Gang Old Work Plate

Features and benefits:

- 3-gang dual-service capability: accommodates one line voltage and two 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 drywall and between the studs and accommodates cable bend requirements
- Four 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. NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

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 drywall. Cutout should be approximately 6.25" x 9.25".
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. no. 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 Carlon® 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.



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

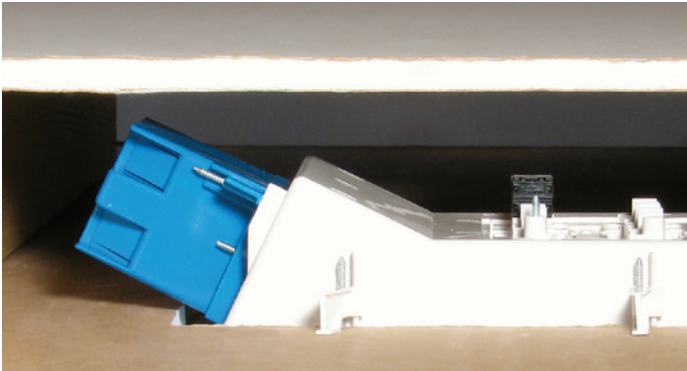


Fig. 7

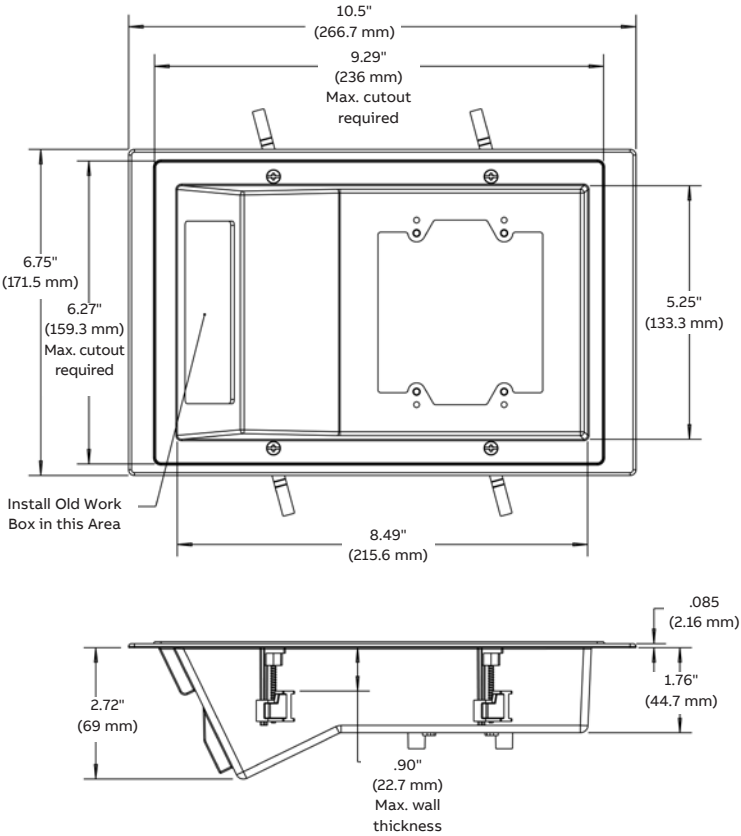
Installed:



Ample room between drywall and studs



Cat. No.	Size cu. in.	Mounting means	Description	Dimensions (in.)	Std. Ctn.
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 with outlet box (B114R)	6.75 L x 10.5 W x 2.72 D	3



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