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Gross Automation  
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Call Toll Free:  
**800-349-5827**

# How to Choose a Plastic Wiring Box

## WALL BOXES

Project Quantity Needed



**B118A** 18 cu. in., Single Gang, Captive Nails

**B120A** 20 cu. in., Single Gang, Captive Nails

- Use in new construction for most switches & outlets



**B122A** 22.5 cu. in., Single Gang, Captive Nails

- Use in new construction

- Larger capacity for dimmer switches, ceiling fan controls, GFCI outlets, etc.



**B118B** 18 cu. in., Single Gang

**B232B** 32 cu. in., Two Gang

- Bracketed for 3/8"-5/8" Wallboard

- For steel and wood studs



**B232A** 32 cu. in., 2 Gang, Captive Nails

**B344A** 44 cu. in., 3 Gang, Captive Nails w/ Wire Support

**B455A** 60 cu. in., 4 Gang, Captive Nails & Bracket Support

- All have integral clamps

- Use in new construction for multiple switches or outlets



**B418A** 18 cu. in., 4" Square, Captive Nails, Molded

Bracket, 8 Integral Clamps and One (1) 1/2" K/O in Back

**B432A** 32 cu. in., 4" Square, Captive Nails, 8 Integral

Clamps

- For steel and wood studs

- For outlets and switches when used with adapter plates

## REMODELING BOXES



**B114R** 14 cu. in., Single Gang, Captured Screws

- Use in remodeling work for switches and outlets



**B120R** 20 cu. in., Single Gang, Captured Screws

- Use in remodeling work for larger wiring devices

such as dimmer switches and GFCI outlets



**B225R** 25 cu. in., 2 Gang, Captured Screws

- Use in remodeling work for two wiring devices

such as dimmer switches and GFCI outlets



**B355R** 55 cu. in., 3 Gang, Captured Screws

- Largest old work wiring box available on the market

- Accommodates 3 large wiring devices such as dimmer switches and GFCI outlets.



**B618R** 18 cu. in., Round, Captured Screws

- Use for installation in an existing ceiling or wall

## CEILING BOXES



**B520A** 18 cu. in., Round, Captive Nails

- Use in new construction for lighting fixtures

- Also can be used in walls

- Supports lighting fixtures up to 50 lbs.



**B620DC** 20 cu. in., Round, T-Grid Bracket

- Use in 2x2 or 2x4 drop-ceiling grid systems

- Supports fixtures up to 50 lbs.



**B620H** 20 cu. in., Round, Adjustable Bar Hanger

- Adjustable bar easily spans from one stud to another

- Supports fixtures up to 50 lbs.



**B708** 8 cu. in., Round, Shallow Ceiling Fan Box

**B720** 20 cu. in., Round, Ceiling Fan Box

- Mounts securely to joist for ceiling fan support

- Supports fans up to 35 lbs. & fixtures up to 50 lbs.



**B620L** 20 cu. in., Round, Ceiling Box w/ "L" Bracket

- For mounting to side of ceiling joist

- Supports lighting fixtures up to 50 lbs.

## FLOOR BOXES



**B121BFB** 21 cu. in., Adjustable Residential Floor Box

- Adjusts to any finished floor height

- Great for home offices, entertainment rooms and new construction

**Continued on back**

# Carlton®

# How to Choose a Plastic Wiring Box

## FLOOR BOXES

Project Quantity Needed



**E971FB** 71 cu. in., Floor Box Base

- Use with nonmetallic conduit systems
- Adjusts easily to any finished concrete floor height

## SPECIALTY



**B108B** 8 cu. in., Shallow Outlet Box, Single Gang

- Bracketed for easy mounting
- Use in new construction



**B108R** 8 cu. in., Shallow Outlet Box, Single Gang

- Flanged for installation in existing walls
- Use in remodeling



**B121ADJ** 21 cu. in., Adjust-A-Box™, Single Gang

**B234ADJ** 34 cu. in., Adjust-A-Box™, 2 Gang,

K/O clamp allows for a range wire

- Adjusts to any wall thickness with the turn of a screw
- Use in new construction



**B100R-CRD** Low Voltage Old Work Box

- Use for mounting Class 2 devices such as a telephone jack or cable TV jack into an existing wall



**B1EXT-CRD** PVC Electrical Box Extender

- Use to extend switch and outlet boxes set too deep in wall as a result of adding tile or paneling during remodeling
- No need to disconnect wiring device

## Wire Fill Rate Chart

### WALL BOXES

Part No.	10 gauge	12 gauge	14 gauge
B118A	7	8	9
B120A	8	9	10
B122A	9	10	11
B118B	7	8	9
B232B	12	14	16
B232A	12	14	16
B344A	13	15	17
B455A	22	24	27
B418A	7	8	9
B432A	12	14	16

### REMODELING BOXES

Part No.	10 gauge	12 gauge	14 gauge
B114R	5	6	7
B120R	8	9	10
B225R	10	11	12
B355R	22	24	27
B618R	7	8	9

### CEILING BOXES

Part No.	10 gauge	12 gauge	14 gauge
B520A	7	8	9
B620DC	7	8	9
B620H	7	8	9
B708	2	3	4
B720	8	9	10
B620L	7	8	9

### FLOOR BOXES

Part No.	10 gauge	12 gauge	14 gauge
B121BFB	7	8	9
E971FB	-	-	-

### SPECIALTY

Part No.	10 gauge	12 gauge	14 gauge
B108B	2	3	4
B108R	2	3	4
B121ADJ	8	9	10
B234ADJ	13	15	17

Refer to NEC code for additional wire fill calculations.

# Carlson®