

Screw-Cover Type 3R Boxes and Enclosures

Screw-Cover, Type 3R



Industry Standards

UL 50, 50E Listed; Type 3R; File No. E27525
 cUL Listed per CSA C22.2 No 94; Type 3R; File No. E27525

NEMA/EEMAC Type 3R
 IEC 60529, IP32

Application

Use this enclosure with or without knockouts in outdoor applications as a wiring or junction box.

Features

- Drip shield top and seam-free sides, front and back
- Slip-on removable cover fastened with plated steel screws along bottom edge
- Handles on larger sizes (see table)
- Embossed mounting holes on back of enclosure
- Knockouts in bottom of 16 and 14 gauge enclosures
- Provision for padlocking
- No gasketing

Specifications

- 16, 14 or 12 gauge galvanized steel

Finish

ANSI 61 gray polyester powder paint finish inside and out over pretreated surfaces.

Accessories

See also Accessories.
 Industrial Corrosion Inhibitors
 Electric Heater
 Grounding Device
 Mounting Bracket Kit
 Touch-Up Paint
Bulletin: A90S3

Standard Product

| Catalog Number | AxBxC in./mm | Body Style | D in./mm | Mounting H in./mm | Mounting J in./mm | Knockout Pattern |
|----------------|----------------------|------------|----------|-------------------|-------------------|-------------------|
| A4R44 | 4.00 x 4.00 x 4.00 | A | — | 1.88 | 2.00 | B-C |
| | 102 x 102 x 102 | | — | 48 | 51 | |
| A6R44 | 6.00 x 4.00 x 4.00 | A | — | 1.88 | 1.06 | B-C |
| | 152 x 102 x 102 | | — | 48 | 27 | |
| A12R44 | 12.00 x 4.00 x 4.00 | A | — | 1.88 | 1.06 | B-C |
| | 305 x 102 x 102 | | — | 48 | 27 | |
| A6R64 | 6.00 x 6.00 x 4.00 | A | — | 2.25 | 1.06 | B-C-D |
| | 152 x 152 x 102 | | — | 57 | 27 | |
| A8R64 | 8.00 x 6.00 x 4.00 | A | — | 2.25 | 1.06 | B-C-D |
| | 203 x 152 x 102 | | — | 57 | 27 | |
| A8R84 | 8.00 x 8.00 x 4.00 | A | — | 2.25 | 1.06 | F-G-H-I |
| | 203 x 203 x 102 | | — | 57 | 27 | |
| A10R84 | 10.00 x 8.00 x 4.00 | A | — | 2.25 | 1.06 | F-G-H-I |
| | 254 x 203 x 102 | | — | 57 | 27 | |
| A12R84 | 12.00 x 8.00 x 4.00 | A | — | 2.25 | 1.06 | F-G-H-I |
| | 305 x 203 x 102 | | — | 57 | 27 | |
| A10R104 | 10.00 x 10.00 x 4.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 254 x 254 x 102 | | — | 57 | 27 | |
| A12R104 | 12.00 x 10.00 x 4.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 305 x 254 x 102 | | — | 57 | 27 | |
| A12R124 | 12.00 x 12.00 x 4.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 305 x 305 x 102 | | — | 57 | 27 | |
| A18R124 | 18.00 x 12.00 x 4.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 457 x 305 x 102 | | — | 57 | 27 | |
| A18R184 | 18.00 x 18.00 x 4.00 | B | — | 13.00 | 1.12 | A-B-C-D-E-F-G-H-I |
| | 457 x 457 x 102 | | — | 330 | 28 | |
| A6R66 | 6.00 x 6.00 x 6.00 | A | — | 2.25 | 1.06 | B-C-D |
| | 152 x 152 x 152 | | — | 57 | 27 | |
| A8R86 | 8.00 x 8.00 x 6.00 | A | — | 2.25 | 1.06 | F-G-H-I |
| | 203 x 203 x 152 | | — | 57 | 27 | |
| A10R86 | 10.00 x 8.00 x 6.00 | A | — | 2.25 | 1.06 | F-G-H-I |
| | 254 x 203 x 152 | | — | 57 | 27 | |
| A10R106 | 10.00 x 10.00 x 6.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 254 x 254 x 152 | | — | 57 | 27 | |
| A12R86 | 12.00 x 8.00 x 6.00 | A | — | 2.25 | 1.06 | F-G-H-I |
| | 305 x 203 x 152 | | — | 57 | 27 | |
| A12R106 | 12.00 x 10.00 x 6.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 305 x 254 x 152 | | — | 57 | 27 | |
| A12R126 | 12.00 x 12.00 x 6.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 305 x 305 x 152 | | — | 57 | 27 | |
| A15R126 | 15.00 x 12.00 x 6.00 | A | — | 2.25 | 1.06 | C-D-E-F-G |
| | 381 x 305 x 152 | | — | 57 | 27 | |

Screw-Cover Type 3R Boxes and Enclosures

| Catalog Number | AxBxC in./mm | Body Style | D in./mm | Mounting H in./mm | Mounting J in./mm | Knockout Pattern |
|----------------|---|------------|--------------|-------------------|-------------------|-------------------|
| A16R126 | 16.00 x 12.00 x 6.00 406 x 305 x 152 | A | — — | 2.25 57 | 1.06 27 | C-D-E-F-G |
| A18R126 | 18.00 x 12.00 x 6.00 457 x 305 x 152 | A | — — | 2.25 57 | 1.06 27 | C-D-E-F-G |
| A18R186 | 18.00 x 18.00 x 6.00 457 x 457 x 152 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R126 | 24.00 x 12.00 x 6.00 610 x 305 x 152 | B | — — | 13.00 330 | 1.12 28 | C-D-E-F-G |
| A24R186 | 24.00 x 18.00 x 6.00 610 x 457 x 152 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R246 | 24.00 x 24.00 x 6.00 610 x 610 x 152 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A8R88 | 8.00 x 8.00 x 8.00 203 x 203 x 203 | A | — — | 2.25 57 | 1.06 27 | F-G-H-I |
| A12R128 | 12.00 x 12.00 x 8.00 305 x 305 x 203 | A | — — | 2.25 57 | 1.06 27 | C-D-E-F-G |
| A15R128 | 15.00 x 12.00 x 8.00 381 x 305 x 203 | A | — — | 2.25 57 | 1.06 27 | C-D-E-F-G |
| A18R128 | 18.00 x 12.00 x 8.00 457 x 305 x 203 | A | — — | 2.25 57 | 1.12 28 | C-D-E-F-G |
| A24R168 | 24.00 x 16.00 x 8.00 610 x 407 x 203 | B | — — | 13.00 330 | 1.12 28 | C-D-E-F-G |
| A18R188 | 18.00 x 18.00 x 8.00 457 x 457 x 203 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R188 | 24.00 x 18.00 x 8.00 610 x 457 x 203 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R208 | 24.00 x 20.00 x 8.00 610 x 508 x 203 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R248 | 24.00 x 24.00 x 8.00 610 x 610 x 203 | C | 12.19 310 | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A30R248 | 30.00 x 24.00 x 8.00 762 x 610 x 203 | C | 15.19 386 | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A48R368 | 48.00 x 36.00 x 8.00 1219 x 914 x 203 | C | 24.19 614 | 33.00 838 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A18R1810 | 18.00 x 18.00 x 10.00 457 x 457 x 254 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R1810 | 24.00 x 18.00 x 10.00 610 x 457 x 254 | B | — — | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A24R2410 | 24.00 x 24.00 x 10.00 610 x 610 x 254 | C | 12.19 310 | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A30R2410 | 30.00 x 24.00 x 10.00 762 x 610 x 254 | C | 15.19 386 | 13.00 330 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A24R2412 | 24.00 x 24.00 x 12.00 610 x 610 x 305 | C | 12.19 310 | 13.00 330 | 1.12 28 | A-B-C-D-E-F-G-H-I |
| A30R3012 | 30.00 x 30.00 x 12.00 762 x 762 x 305 | C | 15.19 386 | 27.00 686 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A36R3012 | 36.00 x 30.00 x 12.00 914 x 762 x 305 | C | 18.19 462 | 27.00 686 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A36R3612 | 36.00 x 36.00 x 12.00 914 x 914 x 305 | C | 18.19 462 | 33.00 838 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A30R3016 | 30.00 x 30.00 x 16.00 762 x 762 x 406 | C | 15.19 386 | 27.00 686 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A48R3616 | 48.00 x 36.00 x 16.00 1219 x 914 x 406 | C | 24.19 614 | 33.00 838 | 1.50 38 | A-B-C-D-E-F-G-H-I |
| A4R44NK | 4.00 x 4.00 x 4.00 102 x 102 x 102 | A | — — | 1.88 48 | 2.00 51 | — |
| A6R64NK | 6.00 x 6.00 x 4.00 152 x 152 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A8R64NK | 8.00 x 6.00 x 4.00 203 x 152 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A8R84NK | 8.00 x 8.00 x 4.00 203 x 203 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A10R84NK | 10.00 x 8.00 x 4.00 254 x 203 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A12R84NK | 12.00 x 8.00 x 4.00 305 x 203 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A10R104NK | 10.00 x 10.00 x 4.00 254 x 254 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A12R104NK | 12.00 x 10.00 x 4.00 305 x 254 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A12R124NK | 12.00 x 12.00 x 4.00 305 x 305 x 102 | A | — — | 2.25 57 | 1.06 27 | — |
| A18R184NK | 18.00 x 18.00 x 4.00 457 x 457 x 102 | B | — — | 13.00 330 | 1.12 28 | — |
| A6R66NK | 6.00 x 6.00 x 6.00 152 x 152 x 152 | A | — — | 2.25 57 | 1.06 27 | — |

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| Catalog Number | AxBxC in./mm | Body Style | D in./mm | Mounting H in./mm | Mounting J in./mm | Knockout Pattern |
|----------------|---|------------|--------------|-------------------|-------------------|------------------|
| A18R66NK | 18.00 x 6.00 x 6.00 457 x 152 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A8R86NK | 8.00 x 8.00 x 6.00 203 x 203 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A10R86NK | 10.00 x 8.00 x 6.00 254 x 203 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A10R106NK | 10.00 x 10.00 x 6.00 254 x 254 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A12R106NK | 12.00 x 10.00 x 6.00 305 x 254 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A12R126NK | 12.00 x 12.00 x 6.00 305 x 305 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A15R126NK | 15.00 x 12.00 x 6.00 381 x 305 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A16R126NK | 16.00 x 12.00 x 6.00 406 x 305 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A18R126NK | 18.00 x 12.00 x 6.00 457 x 305 x 152 | A | — — | 2.25 57 | 1.06 27 | — |
| A18R186NK | 18.00 x 18.00 x 6.00 457 x 457 x 152 | B | — — | 13.00 330 | 1.12 28 | — |
| A24R186NK | 24.00 x 18.00 x 6.00 610 x 457 x 152 | B | — — | 13.00 330 | 1.12 28 | — |
| A24R246NK | 24.00 x 24.00 x 6.00 610 x 610 x 152 | B | — — | 13.00 330 | 1.12 28 | — |
| A8R88NK | 8.00 x 8.00 x 8.00 203 x 203 x 203 | A | — — | 2.25 1.06 | 1.06 27 | — |
| A24R88NK | 24.00 x 8.00 x 8.00 610 x 203 x 203 | A | — — | 2.25 1.06 | 1.06 27 | — |
| A12R128NK | 12.00 x 12.00 x 8.00 305 x 305 x 203 | A | — — | 2.25 57 | 1.06 27 | — |
| A15R128NK | 15.00 x 12.00 x 8.00 381 x 305 x 203 | A | — — | 2.25 57 | 1.06 27 | — |
| A18R128NK | 18.00 x 12.00 x 8.00 457 x 305 x 203 | A | — — | 2.25 57 | 1.12 28 | — |
| A18R188NK | 18.00 x 18.00 x 8.00 457 x 457 x 203 | B | — — | 13.00 330 | 1.12 28 | — |
| A24R188NK | 24.00 x 18.00 x 8.00 610 x 457 x 203 | B | — — | 13.00 330 | 1.12 28 | — |
| A24R208NK | 24.00 x 20.00 x 8.00 610 x 508 x 203 | B | — — | 13.00 330 | 1.12 28 | — |
| A24R248NK | 24.00 x 24.00 x 8.00 610 x 610 x 203 | C | 12.19 310 | 13.00 330 | 1.12 28 | — |
| A30R248NK | 30.00 x 24.00 x 8.00 762 x 610 x 203 | C | 15.19 386 | 13.00 330 | 1.12 28 | — |
| A48R368NK | 48.00 x 36.00 x 8.00 1220 x 915 x 203 | C | 24.19 614 | 33.00 838 | 1.50 38 | — |
| A24R2410NK | 24.00 x 24.00 x 10.00 610 x 610 x 254 | C | 12.19 310 | 13.00 330 | 1.12 28 | — |
| A24R2412NK | 24.00 x 24.00 x 12.00 610 x 610 x 305 | C | 12.19 310 | 13.00 330 | 1.12 28 | — |
| A30R3012NK | 30.00 x 30.00 x 12.00 762 x 762 x 305 | C | 15.19 386 | 27.00 686 | 1.50 38 | — |
| A36R3012NK | 36.00 x 30.00 x 12.00 914 x 762 x 305 | C | 18.19 462 | 27.00 686 | 1.50 38 | — |
| A36R3612NK | 36.00 x 36.00 x 12.00 914 x 914 x 305 | C | 18.19 462 | 33.00 838 | 1.50 38 | — |
| A30R3016NK | 30.00 x 30.00 x 16.00 762 x 762 x 406 | C | 15.19 386 | 27.00 686 | 1.50 38 | — |
| A48R3616NK | 48.00 x 36.00 x 16.00 1219 x 915 x 406 | C | 24.19 614 | 33.00 838 | 1.50 38 | — |

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