

## 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  |
|------------------|-----------------------|------------|----------|-------------------|-------------------|-------------------|
| <b>A16R126</b>   | 16.00 x 12.00 x 6.00  | A          | —        | 2.25              | 1.06              | C-D-E-F-G         |
|                  | 406 x 305 x 152       |            | —        | 57                | 27                |                   |
| <b>A18R126</b>   | 18.00 x 12.00 x 6.00  | A          | —        | 2.25              | 1.06              | C-D-E-F-G         |
|                  | 457 x 305 x 152       |            | —        | 57                | 27                |                   |
| <b>A18R186</b>   | 18.00 x 18.00 x 6.00  | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 457 x 457 x 152       |            | —        | 330               | 28                |                   |
| <b>A24R126</b>   | 24.00 x 12.00 x 6.00  | B          | —        | 13.00             | 1.12              | C-D-E-F-G         |
|                  | 610 x 305 x 152       |            | —        | 330               | 28                |                   |
| <b>A24R186</b>   | 24.00 x 18.00 x 6.00  | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 457 x 152       |            | —        | 330               | 28                |                   |
| <b>A24R246</b>   | 24.00 x 24.00 x 6.00  | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 610 x 152       |            | —        | 330               | 28                |                   |
| <b>A8R88</b>     | 8.00 x 8.00 x 8.00    | A          | —        | 2.25              | 1.06              | F-G-H-I           |
|                  | 203 x 203 x 203       |            | —        | 57                | 27                |                   |
| <b>A12R128</b>   | 12.00 x 12.00 x 8.00  | A          | —        | 2.25              | 1.06              | C-D-E-F-G         |
|                  | 305 x 305 x 203       |            | —        | 57                | 27                |                   |
| <b>A15R128</b>   | 15.00 x 12.00 x 8.00  | A          | —        | 2.25              | 1.06              | C-D-E-F-G         |
|                  | 381 x 305 x 203       |            | —        | 57                | 27                |                   |
| <b>A18R128</b>   | 18.00 x 12.00 x 8.00  | A          | —        | 2.25              | 1.12              | C-D-E-F-G         |
|                  | 457 x 305 x 203       |            | —        | 57                | 28                |                   |
| <b>A24R168</b>   | 24.00 x 16.00 x 8.00  | B          | —        | 13.00             | 1.12              | C-D-E-F-G         |
|                  | 610 x 407 x 203       |            | —        | 330               | 28                |                   |
| <b>A18R188</b>   | 18.00 x 18.00 x 8.00  | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 457 x 457 x 203       |            | —        | 330               | 28                |                   |
| <b>A24R188</b>   | 24.00 x 18.00 x 8.00  | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 457 x 203       |            | —        | 330               | 28                |                   |
| <b>A24R208</b>   | 24.00 x 20.00 x 8.00  | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 508 x 203       |            | —        | 330               | 28                |                   |
| <b>A24R248</b>   | 24.00 x 24.00 x 8.00  | C          | 12.19    | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 610 x 203       |            | 310      | 330               | 28                |                   |
| <b>A30R248</b>   | 30.00 x 24.00 x 8.00  | C          | 15.19    | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 762 x 610 x 203       |            | 386      | 330               | 28                |                   |
| <b>A48R368</b>   | 48.00 x 36.00 x 8.00  | C          | 24.19    | 33.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 1219 x 914 x 203      |            | 614      | 838               | 38                |                   |
| <b>A18R1810</b>  | 18.00 x 18.00 x 10.00 | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 457 x 457 x 254       |            | —        | 330               | 28                |                   |
| <b>A24R1810</b>  | 24.00 x 18.00 x 10.00 | B          | —        | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 457 x 254       |            | —        | 330               | 28                |                   |
| <b>A24R2410</b>  | 24.00 x 24.00 x 10.00 | C          | 12.19    | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 610 x 254       |            | 310      | 330               | 28                |                   |
| <b>A30R2410</b>  | 30.00 x 24.00 x 10.00 | C          | 15.19    | 13.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 762 x 610 x 254       |            | 386      | 330               | 38                |                   |
| <b>A24R2412</b>  | 24.00 x 24.00 x 12.00 | C          | 12.19    | 13.00             | 1.12              | A-B-C-D-E-F-G-H-I |
|                  | 610 x 610 x 305       |            | 310      | 330               | 28                |                   |
| <b>A30R3012</b>  | 30.00 x 30.00 x 12.00 | C          | 15.19    | 27.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 762 x 762 x 305       |            | 386      | 686               | 38                |                   |
| <b>A36R3012</b>  | 36.00 x 30.00 x 12.00 | C          | 18.19    | 27.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 914 x 762 x 305       |            | 462      | 686               | 38                |                   |
| <b>A36R3612</b>  | 36.00 x 36.00 x 12.00 | C          | 18.19    | 33.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 914 x 914 x 305       |            | 462      | 838               | 38                |                   |
| <b>A30R3016</b>  | 30.00 x 30.00 x 16.00 | C          | 15.19    | 27.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 762 x 762 x 406       |            | 386      | 686               | 38                |                   |
| <b>A48R3616</b>  | 48.00 x 36.00 x 16.00 | C          | 24.19    | 33.00             | 1.50              | A-B-C-D-E-F-G-H-I |
|                  | 1219 x 914 x 406      |            | 614      | 838               | 38                |                   |
| <b>A4R44NK</b>   | 4.00 x 4.00 x 4.00    | A          | —        | 1.88              | 2.00              | —                 |
|                  | 102 x 102 x 102       |            | —        | 48                | 51                |                   |
| <b>A6R64NK</b>   | 6.00 x 6.00 x 4.00    | A          | —        | 2.25              | 1.06              | —                 |
|                  | 152 x 152 x 102       |            | —        | 57                | 27                |                   |
| <b>A8R64NK</b>   | 8.00 x 6.00 x 4.00    | A          | —        | 2.25              | 1.06              | —                 |
|                  | 203 x 152 x 102       |            | —        | 57                | 27                |                   |
| <b>A8R84NK</b>   | 8.00 x 8.00 x 4.00    | A          | —        | 2.25              | 1.06              | —                 |
|                  | 203 x 203 x 102       |            | —        | 57                | 27                |                   |
| <b>A10R84NK</b>  | 10.00 x 8.00 x 4.00   | A          | —        | 2.25              | 1.06              | —                 |
|                  | 254 x 203 x 102       |            | —        | 57                | 27                |                   |
| <b>A12R84NK</b>  | 12.00 x 8.00 x 4.00   | A          | —        | 2.25              | 1.06              | —                 |
|                  | 305 x 203 x 102       |            | —        | 57                | 27                |                   |
| <b>A10R104NK</b> | 10.00 x 10.00 x 4.00  | A          | —        | 2.25              | 1.06              | —                 |
|                  | 254 x 254 x 102       |            | —        | 57                | 27                |                   |
| <b>A12R104NK</b> | 12.00 x 10.00 x 4.00  | A          | —        | 2.25              | 1.06              | —                 |
|                  | 305 x 254 x 102       |            | —        | 57                | 27                |                   |
| <b>A12R124NK</b> | 12.00 x 12.00 x 4.00  | A          | —        | 2.25              | 1.06              | —                 |
|                  | 305 x 305 x 102       |            | —        | 57                | 27                |                   |
| <b>A18R184NK</b> | 18.00 x 18.00 x 4.00  | B          | —        | 13.00             | 1.12              | —                 |
|                  | 457 x 457 x 102       |            | —        | 330               | 28                |                   |
| <b>A6R66NK</b>   | 6.00 x 6.00 x 6.00    | A          | —        | 2.25              | 1.06              | —                 |
|                  | 152 x 152 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 |
|-------------------|-----------------------|------------|----------|-------------------|-------------------|------------------|
| <b>A18R66NK</b>   | 18.00 x 6.00 x 6.00   | A          | —        | 2.25              | 1.06              | —                |
|                   | 457 x 152 x 152       |            | —        | 57                | 27                | —                |
| <b>A8R86NK</b>    | 8.00 x 8.00 x 6.00    | A          | —        | 2.25              | 1.06              | —                |
|                   | 203 x 203 x 152       |            | —        | 57                | 27                | —                |
| <b>A10R86NK</b>   | 10.00 x 8.00 x 6.00   | A          | —        | 2.25              | 1.06              | —                |
|                   | 254 x 203 x 152       |            | —        | 57                | 27                | —                |
| <b>A10R106NK</b>  | 10.00 x 10.00 x 6.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 254 x 254 x 152       |            | —        | 57                | 27                | —                |
| <b>A12R106NK</b>  | 12.00 x 10.00 x 6.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 305 x 254 x 152       |            | —        | 57                | 27                | —                |
| <b>A12R126NK</b>  | 12.00 x 12.00 x 6.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 305 x 305 x 152       |            | —        | 57                | 27                | —                |
| <b>A15R126NK</b>  | 15.00 x 12.00 x 6.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 381 x 305 x 152       |            | —        | 57                | 27                | —                |
| <b>A16R126NK</b>  | 16.00 x 12.00 x 6.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 406 x 305 x 152       |            | —        | 57                | 27                | —                |
| <b>A18R126NK</b>  | 18.00 x 12.00 x 6.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 457 x 305 x 152       |            | —        | 57                | 27                | —                |
| <b>A18R186NK</b>  | 18.00 x 18.00 x 6.00  | B          | —        | 13.00             | 1.12              | —                |
|                   | 457 x 457 x 152       |            | —        | 330               | 28                | —                |
| <b>A24R186NK</b>  | 24.00 x 18.00 x 6.00  | B          | —        | 13.00             | 1.12              | —                |
|                   | 610 x 457 x 152       |            | —        | 330               | 28                | —                |
| <b>A24R246NK</b>  | 24.00 x 24.00 x 6.00  | B          | —        | 13.00             | 1.12              | —                |
|                   | 610 x 610 x 152       |            | —        | 330               | 28                | —                |
| <b>A8R88NK</b>    | 8.00 x 8.00 x 8.00    | A          | —        | 2.25              | 1.06              | —                |
|                   | 203 x 203 x 203       |            | —        | 1.06              | 27                | —                |
| <b>A24R88NK</b>   | 24.00 x 8.00 x 8.00   | A          | —        | 2.25              | 1.06              | —                |
|                   | 610 x 203 x 203       |            | —        | 1.06              | 27                | —                |
| <b>A12R128NK</b>  | 12.00 x 12.00 x 8.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 305 x 305 x 203       |            | —        | 57                | 27                | —                |
| <b>A15R128NK</b>  | 15.00 x 12.00 x 8.00  | A          | —        | 2.25              | 1.06              | —                |
|                   | 381 x 305 x 203       |            | —        | 57                | 27                | —                |
| <b>A18R128NK</b>  | 18.00 x 12.00 x 8.00  | A          | —        | 2.25              | 1.12              | —                |
|                   | 457 x 305 x 203       |            | —        | 57                | 28                | —                |
| <b>A18R188NK</b>  | 18.00 x 18.00 x 8.00  | B          | —        | 13.00             | 1.12              | —                |
|                   | 457 x 457 x 203       |            | —        | 330               | 28                | —                |
| <b>A24R188NK</b>  | 24.00 x 18.00 x 8.00  | B          | —        | 13.00             | 1.12              | —                |
|                   | 610 x 457 x 203       |            | —        | 330               | 28                | —                |
| <b>A24R208NK</b>  | 24.00 x 20.00 x 8.00  | B          | —        | 13.00             | 1.12              | —                |
|                   | 610 x 508 x 203       |            | —        | 330               | 28                | —                |
| <b>A24R248NK</b>  | 24.00 x 24.00 x 8.00  | C          | 12.19    | 13.00             | 1.12              | —                |
|                   | 610 x 610 x 203       |            | 310      | 330               | 28                | —                |
| <b>A30R248NK</b>  | 30.00 x 24.00 x 8.00  | C          | 15.19    | 13.00             | 1.12              | —                |
|                   | 762 x 610 x 203       |            | 386      | 330               | 28                | —                |
| <b>A48R368NK</b>  | 48.00 x 36.00 x 8.00  | C          | 24.19    | 33.00             | 1.50              | —                |
|                   | 1220 x 915 x 203      |            | 614      | 838               | 38                | —                |
| <b>A24R2410NK</b> | 24.00 x 24.00 x 10.00 | C          | 12.19    | 13.00             | 1.12              | —                |
|                   | 610 x 610 x 254       |            | 310      | 330               | 28                | —                |
| <b>A24R2412NK</b> | 24.00 x 24.00 x 12.00 | C          | 12.19    | 13.00             | 1.12              | —                |
|                   | 610 x 610 x 305       |            | 310      | 330               | 28                | —                |
| <b>A30R3012NK</b> | 30.00 x 30.00 x 12.00 | C          | 15.19    | 27.00             | 1.50              | —                |
|                   | 762 x 762 x 305       |            | 386      | 686               | 38                | —                |
| <b>A36R3012NK</b> | 36.00 x 30.00 x 12.00 | C          | 18.19    | 27.00             | 1.50              | —                |
|                   | 914 x 762 x 305       |            | 462      | 686               | 38                | —                |
| <b>A36R3612NK</b> | 36.00 x 36.00 x 12.00 | C          | 18.19    | 33.00             | 1.50              | —                |
|                   | 914 x 914 x 305       |            | 462      | 838               | 38                | —                |
| <b>A30R3016NK</b> | 30.00 x 30.00 x 16.00 | C          | 15.19    | 27.00             | 1.50              | —                |
|                   | 762 x 762 x 406       |            | 386      | 686               | 38                | —                |
| <b>A48R3616NK</b> | 48.00 x 36.00 x 16.00 | C          | 24.19    | 33.00             | 1.50              | —                |
|                   | 1219 x 915 x 406      |            | 614      | 838               | 38                | —                |

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