

# GR and GRF Conduit Outlet Boxes

## Explosionproof, Dust-Ignitionproof

UNILETS™ for use with Threaded Metal Conduit. Furnished with Internal Ground Screw and O-ring.

### NEC/CEC:

Class I, Division 1 and 2, Groups B ♦, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

NEMA 3, 4, 4X ①

Class 1, Zone 1 and 2, IIA, IIB

### Applications

- Complies with a wide range of classified area requirements.
- Corrosion-resistant: ideal indoors or out.
- For pulling of wires.
- Connect conduit lengths and change direction of conduit runs.
- Provide access for maintenance.

### Features

- GR boxes offers ten hub arrangements.
- GRF boxes have integral mounting flange.
- Malleable iron bodies have high tensile strength, ductility and provides great resistance to corrosion, impact, and shock.
- Accurately tapped, tapered hub threads for tight, rigid joints and ground continuity.
- Furnished with covers.
- General purpose wiring.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Internally threaded body with externally threaded cover.
- Covers have pry notches for bar or wrench.
- Accommodate sealing, dome, hub and union hub covers, and canopies.
- Standard o-rings provide raintight fit. NEMA 3, 4.
- Internal ground screw standard.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Standard Materials

- Body: malleable iron or copperfree (4/10 of 1% max.) aluminum
- Cover: copperfree (4/10 of 1% max.) aluminum

### Standard Finishes

- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Aluminum bodies and covers: epoxy powder coat

### Options

- To order body without cover, add suffix **-LC** to catalog number.
- For malleable iron body and cover, add suffix **-M**.

### NEC/CEC Certifications and Compliances

- UL Listed: E85310, E10444
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 025875



♦ In Class I, Division 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed adjacent to the enclosure.

① Aluminum body and cover only.

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Class III

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Class 1, Zone 1 and 2, IIA, IIB

|                                                                                     | Hub Type | Conduit Size<br>(Inches) | Cover Opening<br>mm (in) | Volume<br>Capacity<br>dm³ (in³) | Form<br>Number ④ | Catalog Number ②                                |                                         |
|-------------------------------------------------------------------------------------|----------|--------------------------|--------------------------|---------------------------------|------------------|-------------------------------------------------|-----------------------------------------|
|                                                                                     |          |                          |                          |                                 |                  | Malleable Iron ③<br>Body With<br>Aluminum Cover | Aluminum<br>Body with<br>Aluminum Cover |
|    | GRE      | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRE50                                           | GRE50-A                                 |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRE75                                           | GRE75-A                                 |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRE100                                          | GRE100-A                                |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRE125                                          | GRE125-A                                |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRE150                                          | GRE150-A                                |
|    | GRC      | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRC50                                           | GRC50-A                                 |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRC75                                           | GRC75-A                                 |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRC100                                          | GRC100-A                                |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRC125                                          | GRC125-A                                |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRC150                                          | GRC150-A                                |
|                                                                                     |          | 2                        | 124.0 (4.88)             | 1.25 (76.0)                     | 3                | GRC200                                          | GRC200-A                                |
|   | GRL      | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRL50                                           | GRL50-A                                 |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRL75                                           | GRL75-A                                 |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRL100                                          | GRL100-A                                |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRL125                                          | GRL125-A                                |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRL150                                          | GRL150-A                                |
|                                                                                     |          | 2                        | 124.0 (4.88)             | 1.25 (76.0)                     | 3                | GRL200                                          | GRL200-A                                |
|  | GRLB     | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRLB50                                          | GRLB50-A                                |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRLB75                                          | GRLB75-A                                |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRLB100                                         | GRLB100-A                               |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRLB125                                         | GRLB125-A                               |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRLB150                                         | GRLB150-A                               |
|                                                                                     |          | 2                        | 124.0 (4.88)             | 1.25 (76.0)                     | 3                | GRLB200                                         | GRLB200-A                               |
|  | GRN      | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRN50                                           | GRN50-A                                 |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRN75                                           | GRN75-A                                 |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRN100                                          | GRN100-A                                |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRN125                                          | GRN125-A                                |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRN150                                          | GRN150-A                                |
|  | GRT      | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRT50                                           | GRT50-A                                 |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRT75                                           | GRT75-A                                 |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRT100                                          | GRT100-A                                |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRT125                                          | GRT125-A                                |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRT150                                          | GRT150-A                                |
|                                                                                     |          | 2                        | 124.0 (4.88)             | 1.25 (76.0)                     | 3                | GRT200                                          | GRT200-A                                |
|  | GRX      | 1/2                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRX50                                           | GRX50-A                                 |
|                                                                                     |          | 3/4                      | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRX75                                           | GRX75-A                                 |
|                                                                                     |          | 1                        | 85.9 (3.38)              | 0.29 (18.0)                     | 1                | GRX100                                          | GRX100-A                                |
|                                                                                     |          | 1-1/4                    | 100.1 (3.94)             | 0.51 (31.0)                     | 2                | GRX125                                          | GRX125-A                                |
|                                                                                     |          | 1-1/2                    | 124.0 (4.88)             | 1.18 (72.0)                     | 3                | GRX150                                          | GRX150-A                                |
|                                                                                     |          | 2                        | 124.0 (4.88)             | 1.25 (76.0)                     | 3                | GRX200                                          | GRX200-A                                |

♦ In Class I, Division 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed adjacent to the enclosure.

① Aluminum body and cover only.

② Other covers available—see GR and GRF Conduit Outlet Box Covers page. Order separately.

③ For malleable iron body and cover, add suffix **-M**.

④ Form number designates body and matching cover sizes. To order body without cover, add suffix **-LC** to catalog number.