

## Conduit Outlet Boxes and Bodies: Explosionproof, Dust-Ignitionproof

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## Conduit Outlet Boxes and Bodies: Malleable Iron or Aluminum; Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

### Applications

- Meet 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.
- Provide access for maintenance.

### Features: All Bodies and Boxes

- Malleable iron bodies have high tensile strength and ductility. Provides great resistance to corrosion, impact, and shock.
- Accurately tapped, tapered hub threads for tight, rigid joints and ground continuity.
- Furnish with covers.
- General purpose wiring.

### Features: GR and GRF

- ①GR offers ten hub arrangements.
- ②GRF has integral mounting flange.
- 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.

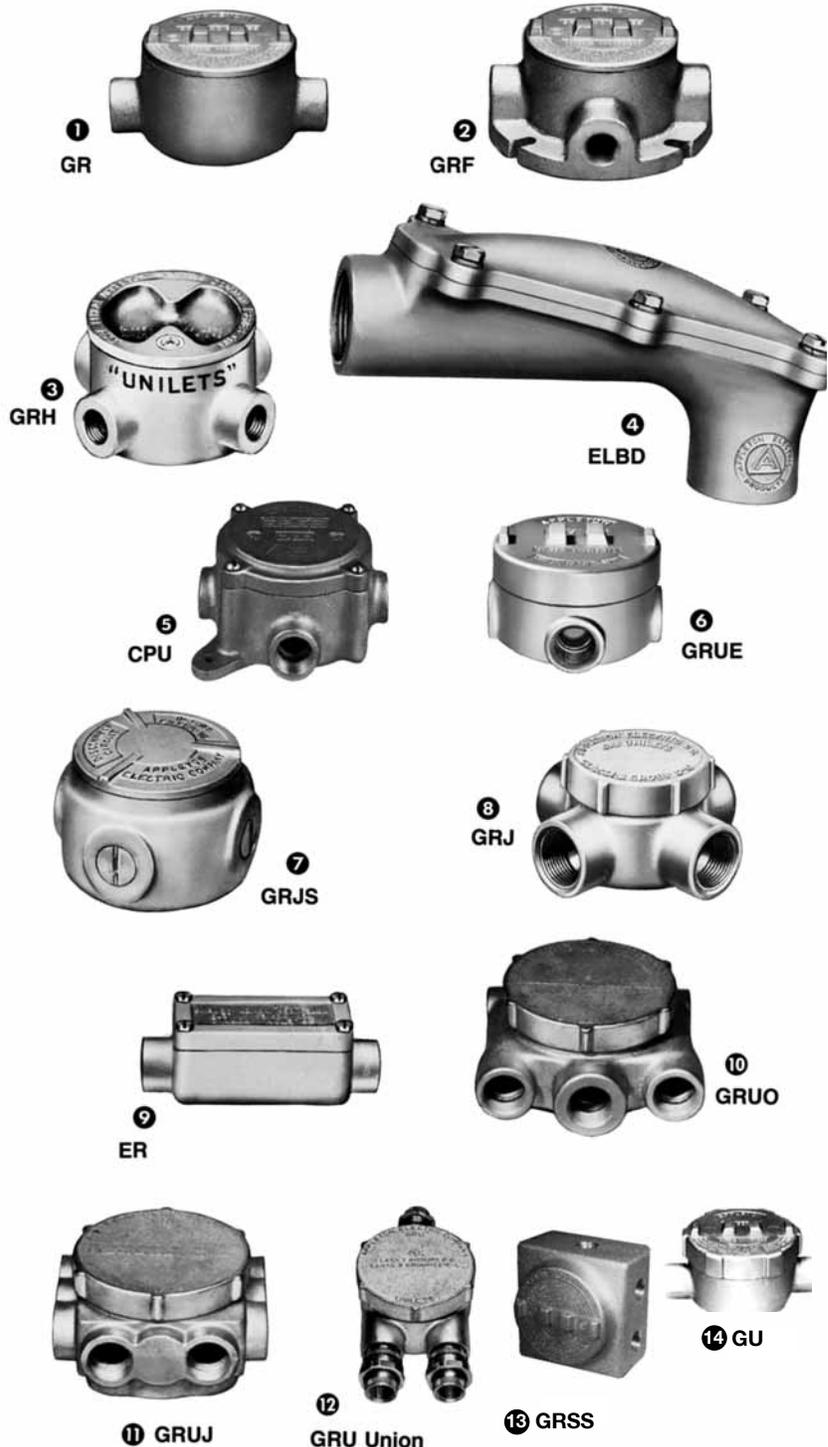
### Features: GRH

- ③Designed for use in Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; and Class III.
- Internally threaded body with externally threaded covers.
- 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.

### Features: ELBD

- ④Exclusive built-in pulling rollers in each end (2-1/2 thru 4" sizes) protect cable from damage and make cable pulling easier.

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## Conduit Outlet Boxes and Bodies: Malleable Iron or Aluminum; Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

- Excellent for use in wiring of motors, panelboards, circuit breakers, entrances to buildings, etc.

- Body and cover have ground mating surfaces to meet classified-location requirements.

- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: ELBY

- Serve as pulling fittings.
- Make 90° bends in conduit.
- Threaded cover opening permits easy access for pulling conductors thru hubs.
- Easily removable threaded cover.

### Features: CPU

- ⑤ Universal design with four threaded universal hubs and three close-up plugs.
- Serve as mounting outlets for lighting fixtures when used with hub cover.
- Wide, accurately ground explosion-proof mating surfaces.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: GRU and GRUE

- ⑥ Universal design with five threaded universal hubs and three close-up plugs.
- Copper-free aluminum body and cover provide resistance to corrosive atmospheres.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- GRU has internally threaded body and externally threaded cover with O-ring for raintight fit, NEMA 3,4. GRUE has externally threaded body and internally threaded overlapping cover.
- Covers have pry notches for bar or wrench.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: GRJS

- ⑦ Universal design with five threaded openings and three close-up plugs.
- Compact round box for use where space is limited.
- Serve as mounting means for lighting fixtures when used with hub cover.
- Function as sealing fittings when

used with sealing covers (see NEC for restrictions).

- Internally threaded body with externally threaded cover.

- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: GRJ

- ⑧ Small, round conduit outlet boxes.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Externally threaded body with internally threaded cover.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: ER

- ⑨ Compact, rectangular conduit outlet boxes are ideal in classified locations where space is limited.
- Six different hub arrangements.
- Ground surface contact between body and cover assures a flame-tight joint.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: GRUO and GRUJ

- Threaded universal hubs for wiring flexibility.
- ⑩ GRUO has eight hubs.
- ⑪ GRUJ offers up to eleven hubs.
- Ideally suited for use where space is limited, such as for gasoline pumps.
- Function as sealing fittings when used with sealing cover (see NEC for restrictions).
- Externally threaded body with internally threaded covers.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: GRU (Union Hubs)

- ⑫ Union hubs permit easy wiring.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Externally threaded body with internally threaded cover.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

### Features: GRSS and GRSSA

- ⑬ Multiple hubs permit flexibility.
- Copper-free aluminum body and cover provide superior corrosion resistance.
- Internal ground screw standard.

### Features: GU

- ⑭ Designed for Class I, Groups B,C,D; Class II, Groups E,F,G; and Class III.
- Externally threaded body with internally threaded cover.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.
- Internal ground screw standard.

### Standard Materials

- *GR, GRF, GRH, and GRJS:* Malleable iron bodies with aluminum covers.
- *Aluminum GR Series:* Copper-free body and cover.
- *GU, GRUO, GRUJ, GRU (Union), GRJ, CPU, ER, ELBD and ELBY:* Malleable iron bodies and covers.
- *GRU, GRUE, and GRSS:* Aluminum copper-free bodies and covers.
- *GRG O-Rings:* Neoprene.

### Standard Finishes

- *Malleable iron bodies and covers (except ELBY)* triple-coat—(1) zinc electroplate, (2) dichromate, and (3) epoxy powder coat.
- *Aluminum bodies and covers:* epoxy powder coat.
- *ELBY malleable iron body and cover:* zinc electroplate and clear chromate.

### Compliances

- UL Standard 886.
- Federal Spec. W-C-586B.
- Appleton malleable iron products conform to ASTM A47-77, Grade 32510, which has the following properties: tensile strength, 50,000 psi; yield, 32,000 psi; and elongation, 10%.
- Appleton aluminum products are produced from a high strength copper-free (4/10 of 1% max.) alloy.
- Suitable for Class I, Div. 1 & 2, if installed in compliance with NEC 501-4(a)(b) and for Class II, Div. 1 & 2, if in compliance with NEC 502-4(a)(b).
- *GR Series:* CSA -LR25875-30.

# J-4

Class I, Div. 1 and 2  
Groups B\*,C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III  
NEMA 3,4

## GR Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
Furnished with Internal Ground Screw and O-Ring.

	Hub Type	Conduit Size (Inches)	Cover Opening (Inches)	Cubic Inches	Form No.†	Catalog Number* Malleable Iron*	Aluminum*
	<b>GRE</b>	1/2	3.38	18	1	GRE50	GRE50-A
		3/4	3.38	18	1	GRE75	GRE75-A
		1	3.38	18	1	GRE100	GRE100-A
		1-1/4	3.94	31	2	GRE125	GRE125-A
		1-1/2	4.88	72	3	GRE150	GRE150-A
	<b>GRC</b>	1/2	3.38	18	1	GRC50	GRC50-A
		3/4	3.38	18	1	GRC75	GRC75-A
		1	3.38	18	1	GRC100	GRC100-A
		1-1/4	3.94	31	2	GRC125	GRC125-A
		1-1/2	4.88	72	3	GRC150	GRC150-A
2	4.88	76	3	GRC200	GRC200-A		
	<b>GRL</b>	1/2	3.38	18	1	GRL50	GRL50-A
		3/4	3.38	18	1	GRL75	GRL75-A
		1	3.38	18	1	GRL100	GRL100-A
		1-1/4	3.94	31	2	GRL125	GRL125-A
		1-1/2	4.88	72	3	GRL150	GRL150-A
2	4.88	76	3	GRL200	GRL200-A		
	<b>GRLB</b>	1/2	3.38	18	1	GRLB50	GRLB50-A
		3/4	3.38	18	1	GRLB75	GRLB75-A
		1	3.38	18	1	GRLB100	GRLB100-A
		1-1/4	3.94	31	2	GRLB125	GRLB125-A
		1-1/2	4.88	72	3	GRLB150	GRLB150-A
2	4.88	76	3	GRLB200	GRLB200-A		
	<b>GRN</b>	1/2	3.38	18	1	GRN50	GRN50-A
		3/4	3.38	18	1	GRN75	GRN75-A
		1	3.38	18	1	GRN100	GRN100-A
		1-1/4	3.94	31	2	GRN125	GRN125-A
		1-1/2	4.88	72	3	GRN150	GRN150-A
	<b>GRT</b>	1/2	3.38	18	1	GRT50	GRT50-A
		3/4	3.38	18	1	GRT75	GRT75-A
		1	3.38	18	1	GRT100	GRT100-A
		1-1/4	3.94	31	2	GRT125	GRT125-A
		1-1/2	4.88	72	3	GRT150	GRT150-A
2	4.88	76	3	GRT200	GRT200-A		
	<b>GRX</b>	1/2	3.38	18	1	GRX50	GRX50-A
		3/4	3.38	18	1	GRX75	GRX75-A
		1	3.38	18	1	GRX100	GRX100-A
		1-1/4	3.94	31	2	GRX125	GRX125-A
		1-1/2	4.88	72	3	GRX150	GRX150-A
2	4.88	76	3	GRX200	GRX200-A		

\* In Class I, Div. 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.  
• Supplied with Aluminum covers.

† Form number designates body and matching cover sizes. To order body without cover, add suffix **-LC** to catalog number.  
Other covers available—see GR Cover listing page and order separately.

See J-8 for optional Terminal Blocks.

**Class I, Div. 1 and 2  
Groups B\*,C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III  
NEMA 3,4**

## GR Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
Furnished with Internal Ground Screw and O-Ring.



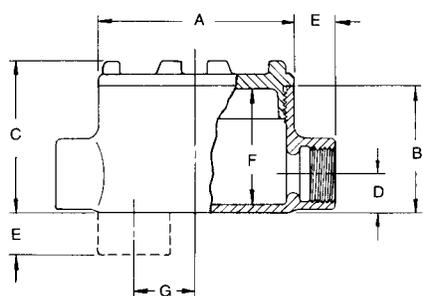
Hub Type	Conduit Size (Inches)	Cover Opening (Inches)	Form No.†	Catalog Number*	
				Malleable Iron	Aluminum
GRCA	1/2	3.38	1	GRCA50	GRCA50-A
	3/4	3.38	1	GRCA75	GRCA75-A
GRLA	1/2	3.38	1	GRLA50	GRLA50-A
	3/4	3.38	1	GRLA75	GRLA75-A
GRTA	1/2	3.38	1	GRTA50	GRTA50-A
	3/4	3.38	1	GRTA75	GRTA75-A

\* In Class I, Div. 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.  
• Supplied with Aluminum covers.

† Form number designates body and matching cover sizes. To order body without cover, add suffix **-LC** to catalog number.  
Other covers available—see GR Cover listing page and order separately.

See J-8 for optional Terminal Blocks.

**GR Form 1**



**GR Series, Form 1**

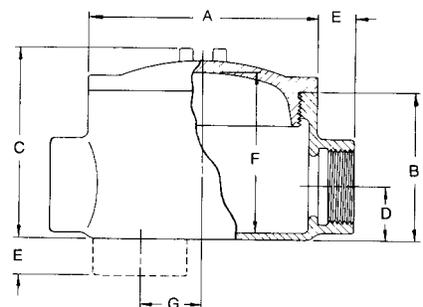
**Dimensions in Inches**

Hub Size (In.)	A	B	C	D	E	F	G
1/2	3.75	2.44	2.88	.75	.81	2.25	1.25
3/4	3.75	2.44	2.88	.75	.81	2.25	1.25
1	3.75	2.44	2.88	.94	.94	2.25	1.06

**Dimensions in Centimeters**

1/2	9.5	6.2	7.3	1.9	2.1	5.7	3.2
3/4	9.5	6.2	7.3	1.9	2.1	5.7	3.2
1	9.5	6.2	7.3	2.4	2.4	5.7	2.7

**GR Forms 2 and 3**



**GR Series, Forms 2 and 3**

**Dimensions in Inches**

Hub Size (In.)	A	B	C	D	E	F	G
1-1/4	4.50	2.69	3.56	1.19	.88	2.75	1.13
1-1/2	5.75	3.75	4.81	1.38	.94	4.06	1.50
2	5.75	4.00	5.06	1.63	1.00	4.25	1.25

**Dimensions in Centimeters**

1-1/4	11.4	6.8	9.1	3.0	2.2	7.0	2.9
1-1/2	14.6	9.5	12.2	3.5	2.4	10.3	3.8
2	14.6	10.2	12.9	4.1	2.5	10.8	3.2

For cubic inches information, see page J-19

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Class I, Div. 1 and 2  
Groups B\*, C, D  
Class II, Div. 1 and 2  
Groups E, F, G  
Class III  
NEMA 3, 4

## GRF Flanged Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
Furnished with Internal Ground Screw and O-Ring.

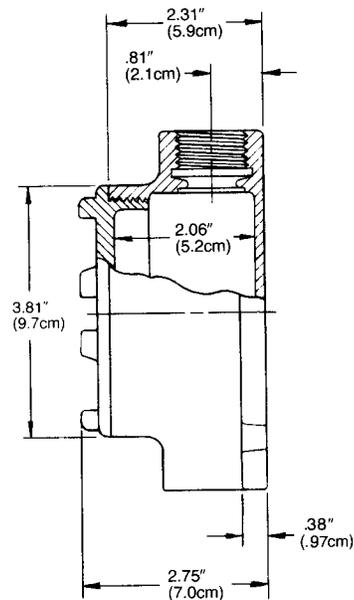
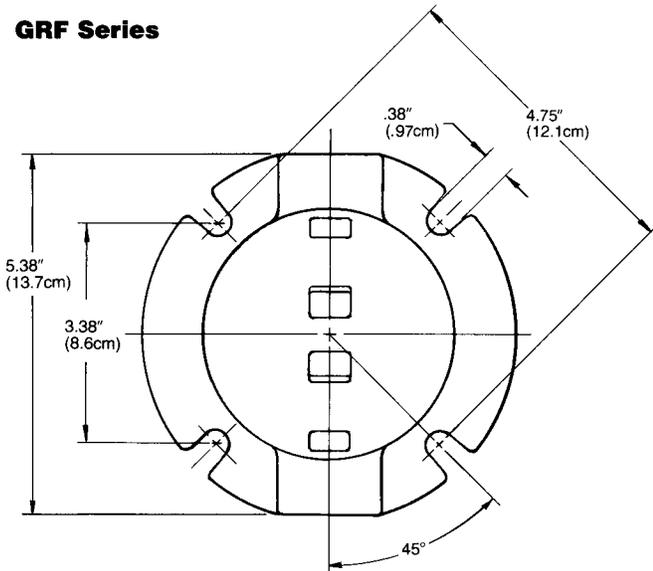
	Hub Type	Conduit Size (Inches)	Cover Opening (Inches)	Form No.†	Catalog Number*	
					Malleable Iron	Aluminum
	GRFC	1/2	3.38	1	GRFC50	GRFC50-A
		3/4	3.38	1	GRFC75	GRFC75-A
		1	3.38	1	GRFC100	GRFC100-A
	GRFL	1/2	3.38	1	GRFL50	GRFL50-A
		3/4	3.38	1	GRFL75	GRFL75-A
		1	3.38	1	GRFL100	GRFL100-A
	GRFT	1/2	3.38	1	GRFT50	GRFT50-A
		3/4	3.38	1	GRFT75	GRFT75-A
		1	3.38	1	GRFT100	GRFT100-A
	GRFX	1/2	3.38	1	GRFX50	GRFX50-A
		3/4	3.38	1	GRFX75	GRFX75-A
		1	3.38	1	GRFX100	GRFX100-A

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

† Form number designates body and matching cover sizes. To order body without cover, add suffix -LC to catalog number.  
Other covers available—see GR Cover listing page and order separately.

For cubic inches information, see page J-19

### GRF Series



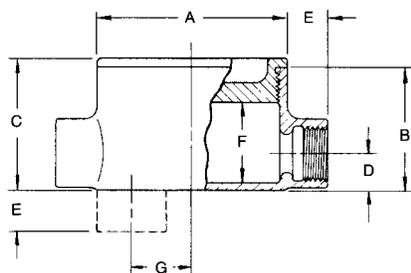
Class I, Div. 1 and 2  
 Groups A,B,C,D  
 Class II, Div. 1 and 2  
 Groups E,F,G  
 Class III  
 NEMA 3,4

## GRH Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
 Furnished with Internal Ground Screw and O-Ring.

	Hub Type	Conduit Size (Inches)	Cover Opening (Inches)	Catalog Number Malleable Iron
	GRHC	1/2	3.38	GRHC50
		3/4	3.38	GRHC75
		1	3.38	GRHC100
	GRHL	1/2	3.38	GRHL50
		3/4	3.38	GRHL75
		1	3.38	GRHL100
	GRHLB	1/2	3.38	GRHLB50
		3/4	3.38	GRHLB75
		1	3.38	GRHLB100
	GRHT	1/2	3.38	GRHT50
		3/4	3.38	GRHT75
		1	3.38	GRHT100
	GRHX	1/2	3.38	GRHX50
		3/4	3.38	GRHX75
		1	3.38	GRHX100

### GRH Series



### GRH Series

#### Dimensions in Inches

Hub Size (In.)	A	B	C	D	E	F	G
1/2	3.75	2.44	2.63	.75	.81	1.63	1.25
3/4	3.75	2.44	2.63	.75	.81	1.63	1.25
1	3.75	2.44	2.63	.94	.94	1.63	1.06

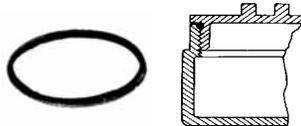
#### Dimensions in Centimeters

1/2	9.5	6.2	6.7	1.9	2.1	4.1	3.2
3/4	9.5	6.2	6.7	1.9	2.1	4.1	3.2
1	9.5	6.2	6.7	2.4	2.4	4.1	2.7

For cubic inches information, see page J-19

## Covers for GR and GRF Conduit Outlet Boxes

Covers and O-rings Fit Bodies with Corresponding Form Numbers.

			Hub Type	Cover Opening (Inches)	Fixture Stem Size (Inches)	Form No.†	Catalog Number		
							Malleable Iron	Aluminum	
	Form 1 Malleable	Form 1 Aluminum	<b>Surface</b>	3.38		1	<b>GRK-1M</b>	<b>GRK-1</b>	
				3.94		2	<b>GRK-2M</b>	<b>GRK-2</b>	
				4.88		3	<b>GRK-3M</b>	<b>GRK-3</b>	
			<b>Sealing</b>	3.38		1	<b>GRK-1SC</b>	<b>GRK-1SC-A</b>	
				3.94		2	<b>GRK-2SC</b>	<b>GRK-2SC-A</b>	
				4.88		3	<b>GRK-3SC</b>	<b>GRK-3SC-A</b>	
			<b>Dome</b> 2" deep	3.38		1		<b>GRK-1DC</b>	
			<b>Union Hub</b>	3.38	3/4	1	<b>GRK-75U</b>	<b>GRK-75UA</b>	
			<b>Hub</b>	3.38	1/2	1	<b>GRK-50</b>	<b>GRK50-A</b>	
				3.38	3/4	1	<b>GRK-75</b>	<b>GRK75-A</b>	
			<b>Canopy</b>	3.38	1/2	1	<b>GRK-50C</b>		
	Length			3.38	3/4	1	<b>GRK-75C</b>		
	4-1/2"			3.38	1	1	<b>GRK-100C</b>		
			<b>O-Rings—Buna-N</b>				<b>Catalog Number</b>		
			Provide Raintight fit when used on following series: GR (Forms 1, 2 and 3), GRF (Form 1), GRH, and GRU (Form 1).			1	<b>GRG-1</b>		
						2	<b>GRG-2</b>		
						3	<b>GRG-3</b>		
			<b>GRTB Terminal Strip</b>	For use in standard GR series boxes Weidmuller type MK terminal Block* with wire range of #22-#12 AWG. Mounts on 2 predrilled and tapped standard holes (furnished in internal GR boxes).					
				6 position terminal block kit			1+2	<b>GRTB6-12</b>	
				6 position terminal block kit			3	<b>GRTB6-3</b>	
				12 position terminal block kit			3	<b>GRTB12-3</b>	

\*Terminal block is UL listed for 300 volts, 25 ampere. CSA certified for 300 volts, 13 ampere.

†Form numbers designate cover and matching body sizes.

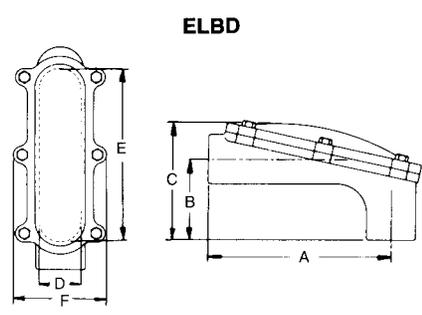
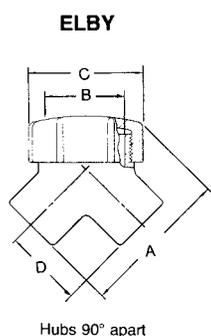
**ELBY Series:**  
 Class I, Div. 1 and 2  
 Groups B, C, D  
 Class II, Div. 1 and 2  
 Groups E, F, G  
 Class III

**ELBD Series:**  
 Class I, Div. 1 and 2  
 Group D  
 Class II, Div. 1 and 2  
 Groups E, F, G  
 Class III

## ELBY and ELBD 90° Pulling Elbows: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

	Type and Size (Inches)	Catalog Number	
		Malleable Iron	Aluminum
	<b>ELBY Capped Elbow</b>		
	1/2	<b>ELBY-50</b> <b>ELBY-75</b> <b>ELBY-100</b> <b>ELBY-125</b>	ELBY-50-A
	3/4		ELBY-75-A
	1		ELBY-100-A
	1-1/4		ELBY-125-A
	<b>ELBD Pulling Elbow</b>		
	1/2	ELBD-50	ELBD-50-A
	3/4	ELBD-75	ELBD-75-A
	1	ELBD-100	ELBD-100-A
	1-1/4	ELBD-125	ELBD-125-A
	1-1/2	ELBD-150	ELBD-150-A
	2	ELBD-200	ELBD-200-A
	2-1/2	<i>ELBD-250</i>	<i>ELBD-250-A</i>
	3	<i>ELBD-300</i>	<i>ELBD-300-A</i>
	3-1/2	<i>ELBD-350</i>	<i>ELBD-350-A</i>
4	<i>ELBD-400</i>	<i>ELBD-400-A</i>	



ELBY Series Dimensions in Inches					ELBD Series Dimensions in Inches					
Hub Size (Inches)	A	B	C	D	A	B	C	D	E	F
1/2	2.75	1.44	2.06	1.44	5.06	2.63	4.50	1.06	4.69	2.69
3/4	2.88	1.44	2.06	1.44	5.06	2.63	4.50	1.06	4.69	2.69
1	3.19	1.88	2.56	1.75	7.88	3.44	5.00	1.75	7.50	3.94
1-1/4	4.00	2.31	3.13	2.13	7.88	3.44	5.00	1.75	7.50	3.94
1-1/2					10.63	4.81	6.75	2.56	10.69	4.94
2					10.63	4.81	6.75	2.56	10.69	4.94
2-1/2					14.69	6.63	9.25	3.75	13.81	6.69
3					14.69	6.63	9.25	3.75	13.81	6.69
3-1/2					28.25	7.50	12.75	4.63	27.56	7.38
4					28.25	7.50	12.75	4.63	27.56	7.38

Dimensions in Centimeters					Dimensions in Centimeters					
1/2	7.0	3.7	5.2	3.7	12.9	6.7	11.4	2.7	11.9	6.8
3/4	7.3	3.7	5.2	3.7	12.9	6.7	11.4	2.7	11.9	6.8
1	8.1	4.8	6.5	4.5	20.0	8.7	12.7	4.5	19.1	10.0
1-1/4	10.2	5.9	7.9	5.4	20.0	8.7	12.7	4.5	19.1	10.0
1-1/2					27.0	12.2	17.2	6.5	27.2	12.5
2					27.0	12.2	17.2	6.5	27.2	12.5
2-1/2					37.3	16.8	23.5	9.5	35.1	17.0
3					37.3	16.8	23.5	9.5	35.1	17.0
3-1/2					71.4	19.1	32.4	11.8	70.0	18.7
4					71.4	19.1	32.4	11.8	70.0	18.7

For cubic inches information, see page J-19

◆ Shaded area indicates items suitable for Class I, Group B, in addition to Class I, Groups C, D; Class II, Groups E, F, G; and Class III.

# J-10

Class I, Div. 1 and 2  
Groups B\*,C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III

## GRSS Conduit Outlet Boxes with Multiple Hubs: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
Furnished with internal ground screw and O ring gasket.

Box Type	Conduit Size (In.)	Cover Opening (Inches)	Hubs	Plugs	Cubic Inches	Catalog Number* Aluminum
----------	--------------------	------------------------	------	-------	--------------	--------------------------



### GRSS Outlet Box with Cover

Internally threaded aluminum bodies with externally threaded aluminum form 1 covers. Has 7 hubs; 2 on each of the sides, 1 on the top, 1 on the bottom and 1 on the center in the back. Furnished with 4 close-up plugs and O-Ring.

<b>GRSS</b>	1/2	3.38	7	4	29.0	<b>GRSS50</b>
	3/4	3.38	7	4	29.0	<b>GRSS75</b>
	1	3.38	7	4	29.0	<b>GRSS100</b>

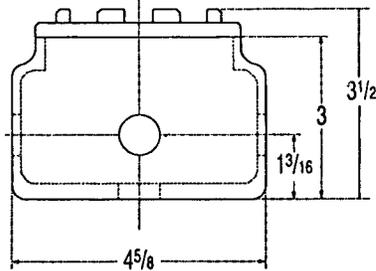
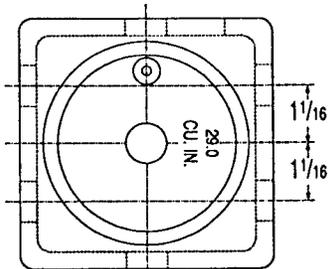


### GRSSA Outlet Box with Cover

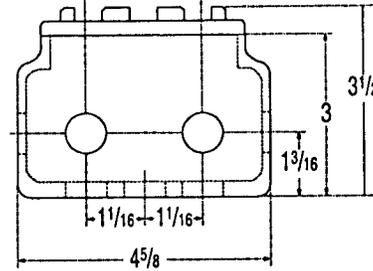
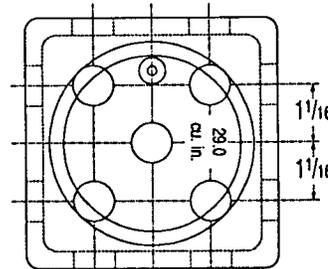
Internally threaded aluminum bodies with externally threaded aluminum form 1 covers. Has 13 hubs; 2 on each side, 2 each on top and bottom and 5 in the back. Furnished with 5 close-up plugs and O-Ring.

<b>GRSSA</b>	1/2	3.38	13	5	29.0	<b>GRSSA50</b>
	3/4	3.38	13	5	29.0	<b>GRSSA75</b>

### Dimensions



**GRSS**



**GRSSA**

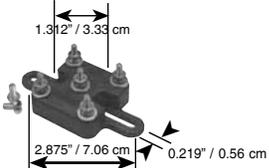
For larger size boxes, refer to Catalog Section K.  
For cubic inches information, see page J-19

\* In Group "B" atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.

Class I, Div. 1 and 2  
Groups C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III

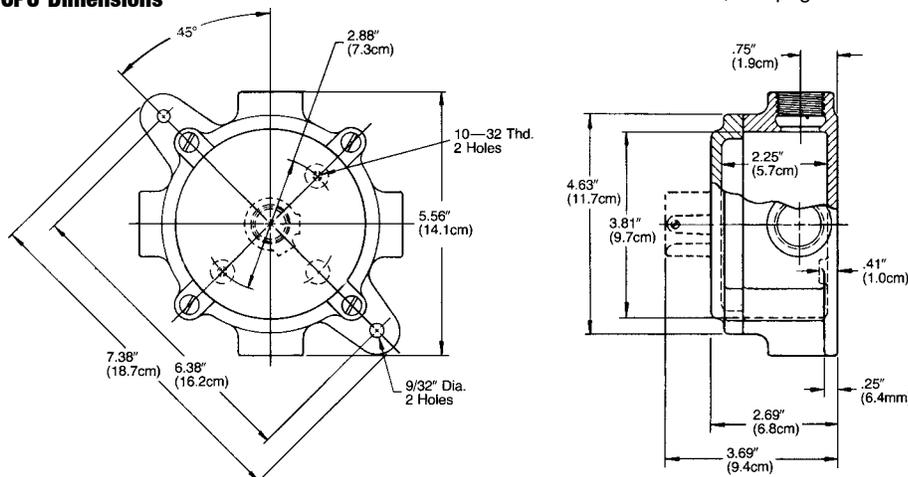
## CPU Universal Conduit Outlet Boxes and Covers: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

	Box Type	Conduit Size (Inches)	Fixture Stem Size (Inches)	Cover Opening (Inches)	Catalog Number
	<b>CPU Box with Blank Cover</b> (Form 20) Furnished with four threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and three 1/2" close-up plugs.				
		1/2 or 3/4		3.81	CPU20
	<b>CPU Box with Hub Cover</b> (Form 20) Furnished with four threaded universal 3/4" hubs, four 3/4" to 1/2" reducers, and three 1/2" close-up plugs.				
		1/2 or 3/4	1/2 3/4	3.81 3.81	CPU20-50 CPU20-75
	<b>CPU Covers only</b> (Form 20) Furnished with fastening screws.				
	Cover		Blank	3.81	CPSK20B
	Hub Covers		1/2 3/4	3.81 3.81	CPSK20-50 CPSK20-75
	<b>CPU Connection Block</b> Phenolic. With fastening strap and two mounting screws.				
		5-Wire, 20-Ampere, 300 Volt			CB205

### CPU Dimensions

For cubic inches information, see page J-19



# J-12

Class I, Div. 1 and 2  
Groups C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III

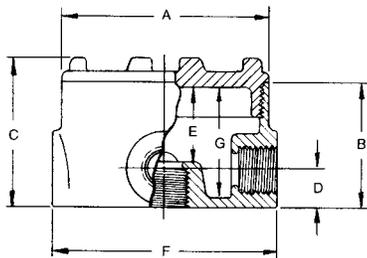
## GRU and GRUE Universal Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit. Furnished with Internal Ground Screw. GRU furnished with O-Ring.

	Conduit Size (Inches)	Cover Body Opening	Form No.†	Catalog Number Aluminum
	<b>GRU Aluminum Box</b>			
	Furnished with externally threaded aluminum surface cover, O-Ring, five threaded hubs, and three close-up plugs. For additional covers, see Page 8.			
	1/2	3.38	1	GRU50-A*
	3/4	3.38	1	GRU75-A*
	1	3.38	1	GRU100-A

	<b>GRUE Aluminum Box</b>			
	Furnished with internally threaded aluminum surface cover, five threaded hubs, and three close-up plugs.			
	1/2	3.38		GRUE50-A*
	3/4	3.38		GRUE75-A*
	1	3.38		GRUE100-A

### GRU



### GRU Series

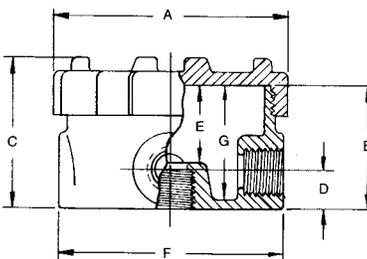
#### Dimensions in Inches

Hub Size (Inches)	A	B	C	D	E	F	G
1/2	3.75	2.25	2.69	.69	1.38	4.06	2.00
3/4	3.75	2.25	2.69	.69	1.38	4.06	2.00
1	3.75	2.44	2.88	.94	1.44	5.44	2.19

#### Dimensions in Centimeters

1/2	9.5	5.7	6.8	1.8	3.5	10.3	5.1
3/4	9.5	5.7	6.8	1.8	3.5	10.3	5.1
1	9.5	6.2	7.3	2.4	3.7	13.8	5.6

### GRUE



### GRUE Series

#### Dimensions in Inches

Hub Size (Inches)	A	B	C	D	E	F	G
1/2	4.25	2.25	2.75	.69	1.44	4.06	2.06
3/4	4.25	2.25	2.75	.69	1.44	4.06	2.06
1	4.25	2.44	3.00	.94	1.50	5.44	2.25

#### Dimensions in Centimeters

1/2	10.8	5.7	7.0	1.8	3.7	10.3	5.2
3/4	10.8	5.7	7.0	1.8	3.7	10.3	5.2
1	10.8	6.2	7.6	2.4	3.8	13.8	5.7

For cubic inches information, see page J-19

†For numbers designate body and matching cover sizes.

\* CSA Certified

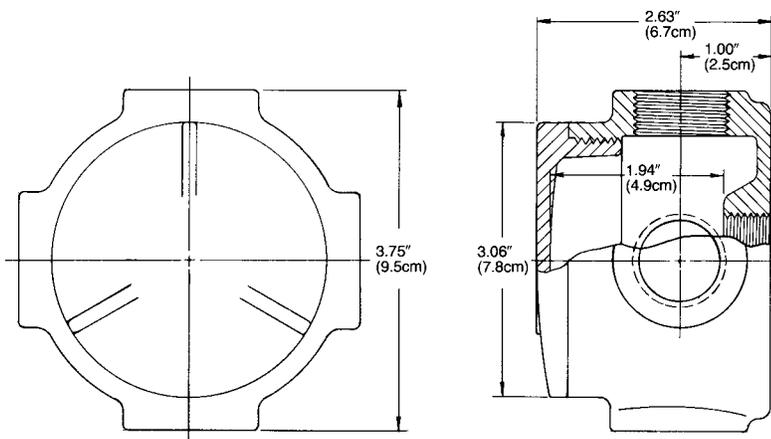
Class I, Div. 1 and 2  
 Groups C,D  
 Class II, Div. 1 and 2  
 Groups E,F,G  
 Class III

## GRJS Universal Conduit Outlet Box: Explosionproof, Dust-Ignitionproof

UNILETS® for Use with Threaded Metal Conduit.

	Box Type	Conduit Size (Inches)	Cover Opening (Inches)	Catalog Number	
	<b>GRJS Universal Box with Cover</b>				
	Internally threaded malleable iron body with externally threaded aluminum surface cover. Complete with five threaded universal openings and three close-up plugs.				
		1/2	2.56	GRJS50	
		3/4	2.56	GRJS75	
		1	2.56	GRJS100	
	GRJSK	<b>GRJS Covers, Aluminum</b>		GRJSK	
		Surface	2.56		
	GRJSK-50	Hub	1/2	2.56	GRJSK-50

### GRJS Dimensions in Inches and Centimeters



### Fraction/Decimal Equivalents (Inches)

Fraction	Decimal
1/16	0.06
1/8	0.13
3/16	0.19
1/4	0.25
5/16	0.31
3/8	0.38
7/16	0.44
1/2	0.50
9/16	0.56
5/8	0.63
11/16	0.69
3/4	0.75
13/16	0.81
7/8	0.88
15/16	0.94
1	1.00

For cubic inches information, see page J-19

# J-14

Class I, Div. 1 and 2  
Groups C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III

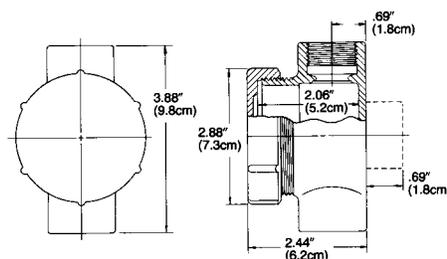
## GRJ Conduit Outlet Boxes: Malleable Iron; Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
Furnished with Internal Ground Screw.

	Box Type	Conduit Size (Inches)	Cover Opening (Inches)	Catalog Number Malleable Iron
	<b>GRJC</b>	1/2 3/4	2.13 2.13	<b>GRJC50 GRJC75</b>
	<b>GRJCA</b>	1/2 3/4	2.13 2.13	<b>GRJCA50 GRJCA75</b>
	<b>GRJEA</b>	1/2 3/4	2.13 2.13	<b>GRJEA50 GRJEA75</b>
	<b>GRJL</b>	1/2 3/4	2.13 2.13	<b>GRJL50 GRJL75</b>
	<b>GRJT</b>	1/2 3/4	2.13 2.13	<b>GRJT50 GRJT75</b>
	<b>GRJTA</b>	1/2 3/4	2.13 2.13	<b>GRJTA50 GRJTA75</b>
	<b>GRJX</b>	1/2 3/4	2.13 2.13	<b>GRJX50 GRJX75</b>
	<b>GRJ Covers</b> Surface		2.13	<b>GRJK-S</b>

For cubic inches information, see page J-19

GRJ Dimensions in Inches and Centimeters



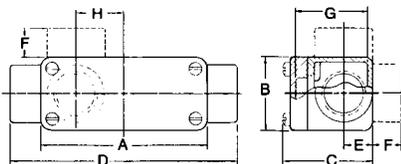
Class I, Div. 1 and 2  
 Groups D  
 Class II, Div. 1 and 2  
 Groups E,F,G  
 Class III

## ER Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

	Box Type	Conduit Size (Inches)	Catalog Number Malleable Iron
	ERC	1/2 3/4	ERC50 ERC75
	ERLB	1/2 3/4	ERLB50 ERLB75
	ERLL	1/2 3/4	ERLL50 ERLL75
	ERLR	1/2 3/4	ERLR50 ERLR75
	ERT	1/2 3/4	ERT50 ERT75
	ERTB	1/2 3/4	ERTB50 ERTB75

### ER Dimensions



### Dimensions in Inches

Hub Size (In.)	A	B	C	D	E	F	G	H
1/2	3.69	1.50	2.00	5.00	.56	.69	1.50	1.06
3/4	4.00	1.75	2.13	5.44	.69	.69	1.75	1.13

### Dimensions in Centimeters

1/2	9.4	3.8	5.1	12.7	1.4	1.8	3.8	2.7
3/4	10.2	4.5	5.4	13.8	1.8	1.8	4.5	2.9

For cubic inches information, see page J-19

\*If bigger sizes needed, see GR Series on page J-4

# J-16

Class I, Div. 1 and 2  
Groups C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III

## GRUO and GRUJ Conduit Outlet Boxes with Multiple Hubs: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

### Number and Size of Hubs

Catalog Number  
Malleable Iron



#### GRUO Box with Cover

Externally threaded malleable iron body complete with internally threaded malleable iron surface cover; eight conduit hubs and close-up plugs for all but three 3/4" hubs.

Each Side	Top	Bottom	Back	GRUO-2
1—3/4"	2—3/4"	2—3/4"	1—3/4"	
		1—1"		
Cover opening—3.25"				



#### GRUJ Box with Cover

Externally threaded malleable iron body complete with internally threaded malleable iron surface cover; choice of hub arrangements, furnished with close-up plugs for all but three 3/4" hubs.

Each Side	Top	Bottom	Back	GRUJ-1P GRUJ-2P GRUJ-3P
2—3/4"	2—3/4"	1—3/4"	None	
2—3/4"	2—3/4"	1—3/4"	4—3/4"	
2—3/4"	2—3/4"	1—3/4"	4—1"	
Cover opening—3.25"				



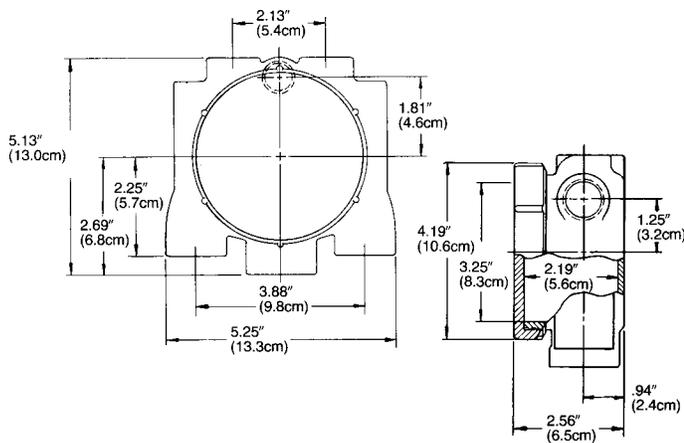
GRUK-S

#### GRU Covers

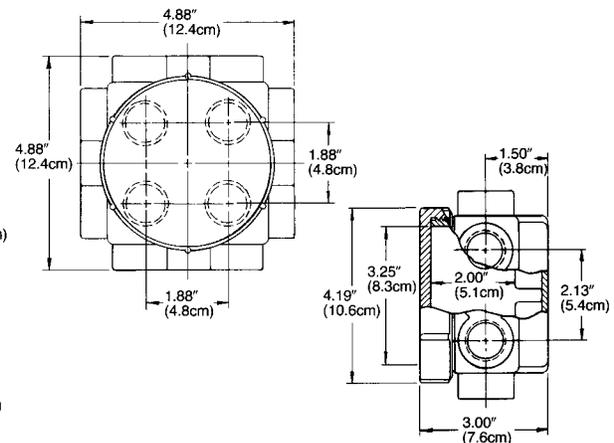
Malleable iron with internal threads.  
For GRUO and GRUJ listed above.

Surface	GRUK-S
Cover opening—3.25"	

### GRUO Dimensions in Inches and Centimeters



### GRUJ Dimensions in Inches and Centimeters



For cubic inches information, see page J-19

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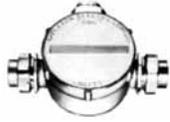


800-621-1506  
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Class I, Div. 1 and 2  
Groups C,D  
Class II, Div. 1 and 2  
Groups E,F,G  
Class III  
NEMA 3,4\*

## GRU Conduit Outlet Boxes with Union Hubs: Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.  
Furnished with Internal Ground Screw.



GRUT50



GRUSE50



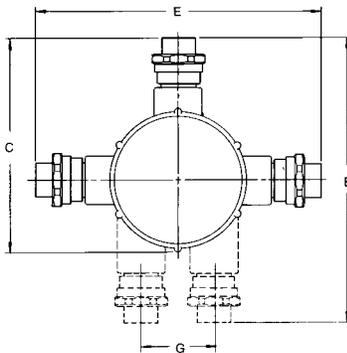
Box Type	Conduit Size (Inches)	Cubic Inch Capacity	Cover Opening (Inches)	Catalog Number	
				Malleable Iron	Aluminum
<b>GRU with Union Hubs</b>					
GRUT 1/2" thru 1" and GRUSE 1/2" thru 3/4" — Malleable iron externally threaded body complete with internally threaded malleable iron surface cover.					
GRUSE 1" — Copper free aluminum cover and body with externally threaded cover					
<b>GRUT</b>	1/2	19	3.25	<b>GRUT50</b>	
	3/4	19	3.25	<b>GRUT75</b>	
	1	19	3.25	<b>GRUT100</b>	
<b>GRUSE</b>	1/2	19	3.25	<b>GRUSE50</b>	
	3/4	19	3.25	<b>GRUSE75</b>	
	1	29	3.75	<b>GRUSE100</b>	
<b>GRU Covers</b>					
Malleable iron with internal threads. Fit GRUT and GRUSE listed above†.					
Surface			3.25	<b>GRUK-S</b>	

\* Applies to GRUSE100 only.

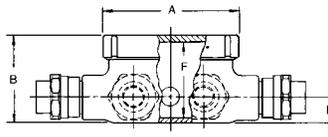
† Does not apply to GRUSE100

### Dimensions

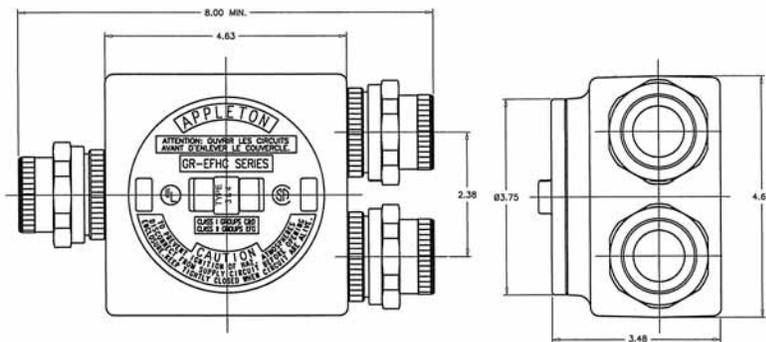
GRUT



GRUSE50 and GRUSE75



GRUSE100



GRUT

#### Dimensions in Inches

Hub Size (Inches)	A	B	C	D	E	F
1/2	4.19	2.69	6.25	.75	8.25	2.31
3/4	4.19	2.69	6.25	.75	8.25	2.31
1	4.19	2.69	6.50	.94	8.75	2.31

#### Dimensions in Centimeters

1/2	10.6	6.8	15.9	1.9	21.0	5.9
3/4	10.6	6.8	15.9	1.9	21.0	5.9
1	10.6	6.8	16.5	2.4	22.2	5.9

GRUSE 1/2" and 3/4"

#### Dimensions in Inches

Hub Size (Inches)	A	B	C	D	E	F	G
1/2 and 3/4	4.19	2.56	6.13	.94	8.00	2.19	2.13

#### Dimensions in Centimeters

1/2 and 3/4	10.6	6.5	15.6	2.4	20.3	5.7	5.4
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# J-18

Class I, Div. 1 and 2  
Groups B\*, C, D  
Class II, Div. 1 and 2  
Groups E, F, G  
Class III

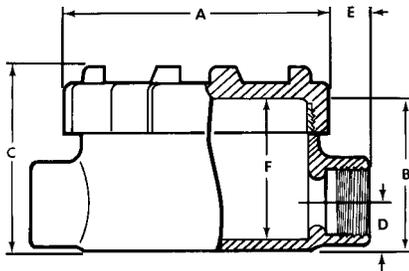
## GU Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for Use with Threaded Metal Conduit.  
Furnished with Internal Ground Screw.

	Hub Type	Conduit Size (Inches)	Cover Opening (Inches)	Catalog Number* Malleable Iron
	GUC	1/2	3.38	GUC50
		3/4	3.38	GUC75
		1	3.38	GUC100
	GUL	1/2	3.38	GUL50
		3/4	3.38	GUL75
		1	3.38	GUL100
	GULB	1/2	3.38	GULB50
		3/4	3.38	GULB75
		1	3.38	GULB100
	GUT	1/2	3.38	GUT50
		3/4	3.38	GUT75
		1	3.38	GUT100
	GUX	1/2	3.38	GUX50
		3/4	3.38	GUX75
		1	3.38	GUX100

### Dimensions in Inches and Centimeters

#### GU



#### GU Series

##### Dimensions in Inches

Hub Size (Inches)	A	B	C	D	E	F
1/2	4.28	2.44	2.97	.75	.81	2.25
3/4	4.28	2.44	2.97	.75	.81	2.25
1	4.28	2.44	2.97	.94	.94	2.25

##### Dimensions in Centimeters

1/2	10.9	6.2	7.5	1.9	2.1	5.7
3/4	10.9	6.2	7.5	1.9	2.1	5.7
1	10.9	6.2	7.5	2.4	2.4	5.7

For cubic inches information, see page J-19

\* In Group "B" atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.

## Wiring Capacity: Explosionproof Conduit Outlet Boxes



### Volume in Cubic Inches and Cubic Centimeters

#### Wiring Capacity

Type	Size	Vol./cu. in.	Vol./cu. cm
CPU	Form 20	21.0	344.1
ER	1/2"	4.8	78.7
ER	3/4"	7.3	119.3
GR	Form 1	18.0	295.0
GR	Form 2	31.0	508.0
GR	Form 3 (1-1/2")	72.0	1179.9
	Form 3 (2")	76.0	1245.4
GRF	All	18.0	295.0
GRH	All	13.8	226.2
GRJ	All	7.3	119.3
GRJS	All	12.5	204.8
GRK (Canopy)-	-50C, -75C, -100C	16.0	262.2
GRK (Dome)	1DC	6.0	98.3
GRU (Union Hubs)	1/2", 3/4"	19.0	311.4
GRU (Universal)	1/2", 3/4"	13.5	221.2
	1"	17.5	286.8
GRUE	1/2", 3/4"	15.3	250.7
	1"	18.5	303.2
GRUJ	All	25.0	409.7
GRUO	All	25.0	409.7
GRSS	All	29.0	475.2
GRSSA	All	29.0	475.2
GU	All	19.0	311.4

### ELBD 90° Pulling Unilets

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4
Capacity in Cubic Inches										
ELBD	7.0	7.0	25.0	25.0	69.0	69.0	240.0	240.0	540.0	540.0
Capacity in Cubic Centimeters										
ELBD	114.7	114.7	409.7	409.7	1130.7	1130.7	3932.9	3932.9	8849.0	8849.0



