

## The CF and F Series

The CF and F Series is built around two enclosure designs. Both feature a slim style with flush side walls, while the F Series features an overhang cover style. Both are designed from fiberglass reinforced polyester and feature a continuous polyurethane gasket that provides a complete environmental seal.

These enclosures are ideal for compact or portable control or simply as a small junction box. Both of these streamlined series feature unobstructed sidewalls, captive stainless steel cover screws and a full range of sizes.

The F Series features a small overhang cover but also adds back panel mounting capabilities.

CF and F Series enclosures are designed for general electrical and electronic applications and any application that has associated environmental concerns.

### CF and F Series Attributes

- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemically resistant fiberglass reinforced polyester
- Submersible, non corrosive, environmental design
- High impact resistance

### CF Series Industry Standards

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>UL1741</b>	File E333478
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)



Small Junction  
**CF**

## Technical Specifications - CF Series

**CF***"CF" configuration - 4 cover screws, lift off cover***NOTES:****CF Construction**

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Cover screws</b>	Recessed captive stainless steel screws
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Enclosure mounting</b>	Mounting wells located under the cover/outside the gasket area.
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

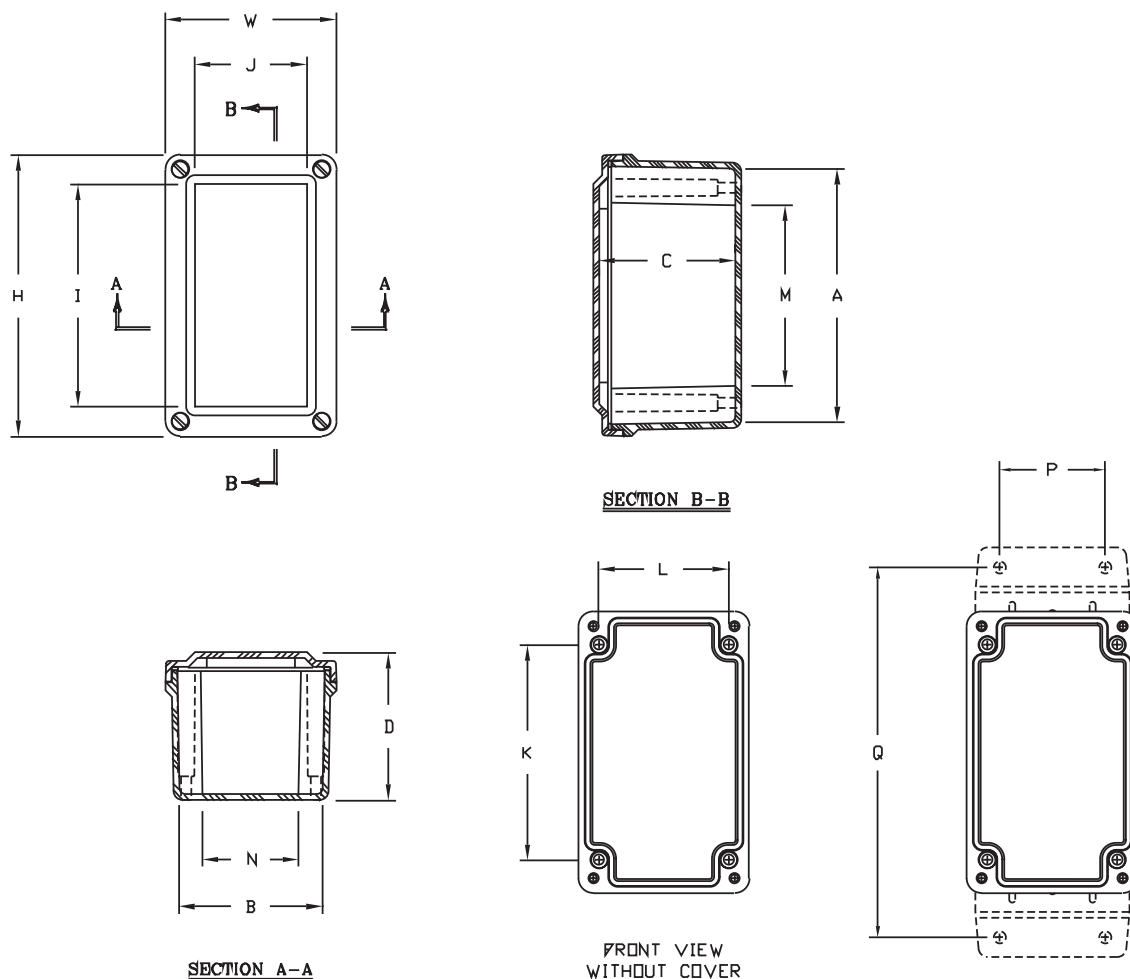
**CF Industry Standards**

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std 22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

**CF Modifications**

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13

## CF Series Technical Drawings



### CF Series Enclosures

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	I	J	K	L	M	N	P	Q	SHIPPING WEIGHT
*CF332	3.72 x 3.63 x 2.95 (95 x 92 x 75)	3.13 x 3.03 x 2.70 (79 x 77 x 69)	0 (0)	0 (0)	2.31 (59)	2.75 (70)	1.59 (40)	2.03 (52)	2.2 (56)	4.4 (112)	0.9 lbs.
CF532	5.97 x 3.63 x 3.14 (152 x 92 x 80)	5.38 x 3.03 x 2.87 (137 x 77 x 73)	4.72 (120)	2.38 (61)	4.56 (116)	2.75 (70)	3.84 (98)	2.03 (52)	2.2 (56)	6.7 (169)	1.2 lbs.
CF644	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2.2 (56)	7.3 (186)	1.5 lbs.
CF832	8.41 x 3.63 x 3.14 (214 x 92 x 80)	7.82 x 3.03 x 2.87 (199 x 77 x 73)	7.16 (182)	2.38 (60)	7.00 (178)	2.75 (70)	6.28 (160)	2.03 (52)	2.2 (56)	9.1 (231)	1.5 lbs.
CF844	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.50 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2.2 (56)	9.6 (243)	1.8 lbs.
CF932	9.35 x 3.63 x 3.14 (237 x 92 x 80)	8.75 x 3.03 x 2.87 (222 x 77 x 73)	8.10 (206)	2.38 (60)	7.94 (202)	2.75 (70)	7.22 (183)	2.03 (52)	2.2 (56)	10.1 (256)	1.6 lbs.
CF1144	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2.2 (56)	11.8 (300)	2.1 lbs.
CF1432	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2.2 (56)	14.5 (368)	2.1 lbs.
CF1732	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.10 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	2.2 (56)	18 (458)	2.8 lbs.

\*Flat Cover

All measures are in inches, items in parentheses are in millimeters



# The CF and F Series

The CF and F Series is built around two enclosure designs. Both feature a slim style with flush side walls, while the F Series features an overhang cover style. Both are designed from fiberglass reinforced polyester and feature a continuous polyurethane gasket that provides a complete environmental seal.

These enclosures are ideal for compact or portable control or simply as a small junction box. Both of these streamlined series feature unobstructed sidewalls, captive stainless steel cover screws and a full range of sizes.

The F Series features a small overhang cover but also adds back panel mounting capabilities.

CF and F Series enclosures are designed for general electrical and electronic applications and any application that has associated environmental concerns.

## CF and F Series Attributes

- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemically resistant fiberglass reinforced polyester
- Submersible, non corrosive, environmental design
- High impact resistance

## CF Series Industry Standards

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>UL1741</b>	File E333478
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)



Small Junction  
**CF**

## Technical Specifications - CF Series

CF

*"CF" configuration - 4 cover screws, lift off cover***NOTES:****CF Construction**

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Cover screws</b>	Recessed captive stainless steel screws
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Enclosure mounting</b>	Mounting wells located under the cover/outside the gasket area.
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

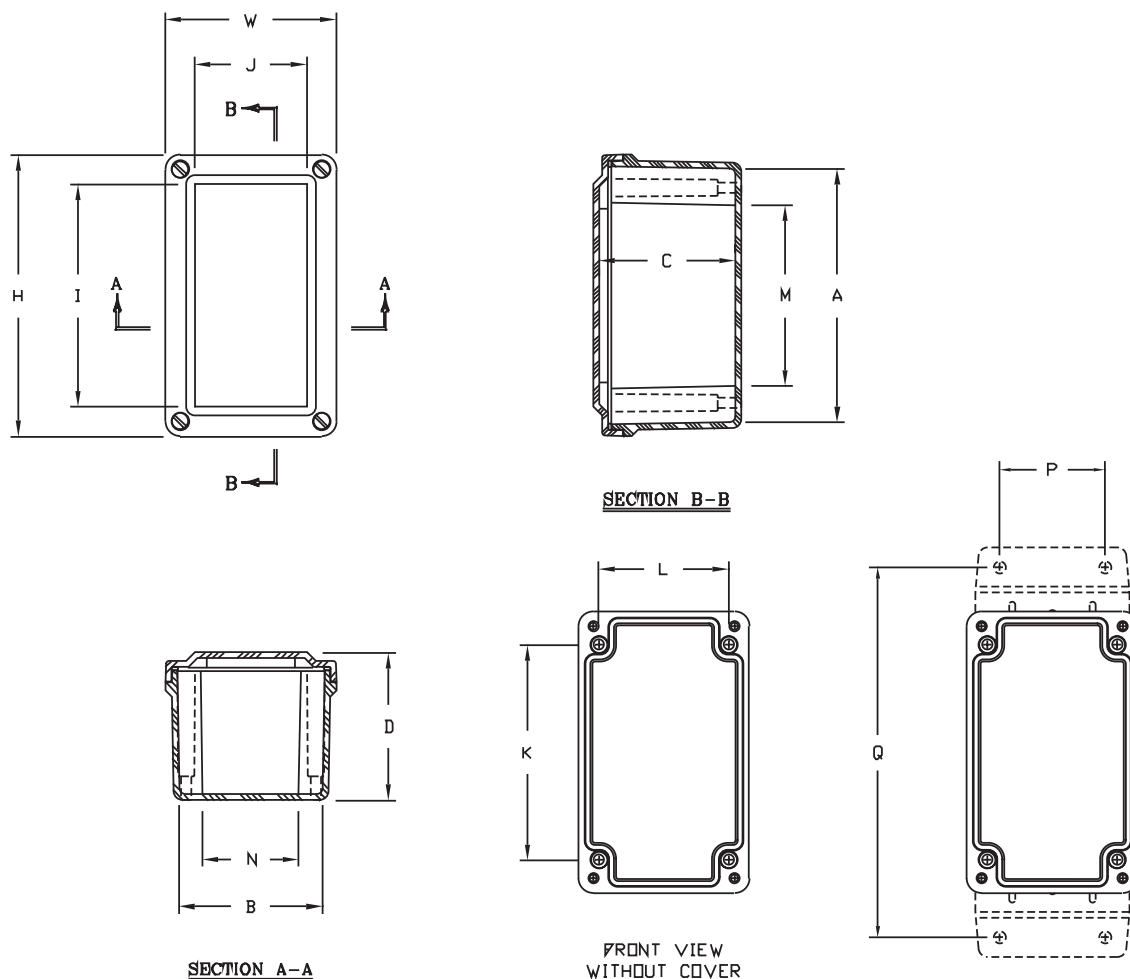
**CF Industry Standards**

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std 22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

**CF Modifications**

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13

## CF Series Technical Drawings



### CF Series Enclosures

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	I	J	K	L	M	N	P	Q	SHIPPING WEIGHT
*CF332	3.72 x 3.63 x 2.95 (95 x 92 x 75)	3.13 x 3.03 x 2.70 (79 x 77 x 69)	0 (0)	0 (0)	2.31 (59)	2.75 (70)	1.59 (40)	2.03 (52)	2.2 (56)	4.4 (112)	0.9 lbs.
CF532	5.97 x 3.63 x 3.14 (152 x 92 x 80)	5.38 x 3.03 x 2.87 (137 x 77 x 73)	4.72 (120)	2.38 (61)	4.56 (116)	2.75 (70)	3.84 (98)	2.03 (52)	2.2 (56)	6.7 (169)	1.2 lbs.
CF644	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2.2 (56)	7.3 (186)	1.5 lbs.
CF832	8.41 x 3.63 x 3.14 (214 x 92 x 80)	7.82 x 3.03 x 2.87 (199 x 77 x 73)	7.16 (182)	2.38 (60)	7.00 (178)	2.75 (70)	6.28 (160)	2.03 (52)	2.2 (56)	9.1 (231)	1.5 lbs.
CF844	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.50 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2.2 (56)	9.6 (243)	1.8 lbs.
CF932	9.35 x 3.63 x 3.14 (237 x 92 x 80)	8.75 x 3.03 x 2.87 (222 x 77 x 73)	8.10 (206)	2.38 (60)	7.94 (202)	2.75 (70)	7.22 (183)	2.03 (52)	2.2 (56)	10.1 (256)	1.6 lbs.
CF1144	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2.2 (56)	11.8 (300)	2.1 lbs.
CF1432	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2.2 (56)	14.5 (368)	2.1 lbs.
CF1732	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.10 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	2.2 (56)	18 (458)	2.8 lbs.

\*Flat Cover

All measures are in inches, items in parentheses are in millimeters