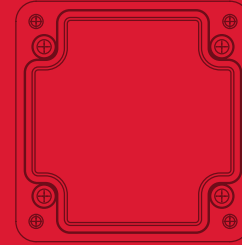# STAHLIN

CF & F Series Small Junction Enclosures

SLIM, RUGGED FIBERGLASS OR POLYCARBONATE ENCLOSURES FOR INDOOR AND OUTDOOR USE

Ideal for compact or portable control, or simply as a small junction box, CF and F series enclosures feature unobstructed sidewalls, captive cover screws, and a full range of sizes. The slim design style allows easy use of pushbuttons and switches in machine control applications, or when encountering tight/dense space requirements.

MARKETS AND INDUSTRIES:
→ Ideal for Non-Hazardous Industrial and Commercial OEM market segments
→ Industries such as O&G, Electrical Control, Water Wastewater, Manufacturing, Communications, Wireless & Remote Monitoring

APPLICATIONS:
→ Designed for use in compact or portable control systems, or for use as an operator interface in both indoor and outdoor environments.
→ They can also be used as general junction or termination point enclosures in general electrical and electronic applications, and any application that has associated environmental concerns.

INNOVATIVE FEATURES:
→ Flush-fitting, aesthetically pleasing, lift off cover design
→ Memory retaining continuous polyurethane gasket
→ Captive stainless steel cover screws
→ Available in either chemically-resistant fiberglass or impact resistant polycarbonate construction
→ Submersible, non-corrosion environmental design stands up to an exceptionally broad range of chemical exposures
→ Dust-tight, water-tight, UV resistant, lightweight construction that is industrially tough and aesthetically pleasing
→ Polycarbonate material available on select sizes

stahlin.com

CONSTRUCTION:

Materials (Box and Cover):
→ SolarGuard® hot compression molded fiberglass reinforced polyester OR
→ Polycarbonate with UV inhibitors

Gasket:
→ Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal

Cover Screws:
→ Recessed captive stainless steel screws*
→ Polycarbonate cover screws for polycarbonate box

Stainless Steel Hardware:
→ 300 Series stainless used on all external hardware*

Enclosure Mounting
→ Optional mounting feet are available*

Panel Mounting
→ Raised bosses with brass inserts accepting 10-32 screws for optional panel mounting**

Soft Edge Design
→ Rounded edges, minimal protusions or exposed pocket areas for assembly of dust and debris

Color
→ Available in standard glacier grey (PMS 428C).

*Fiberglass only
**F series only

INDUSTRY STANDARDS:

→ UL/cUL File #E64358
→ NEMA 250, UL Listed UL50, UL50e, UL508A, Type 1, 3R, 4X, 6P, 12 Rated
→ CSA STD. C22.2 File #LR069014
→ IEC 60529 File #E362920 Ratings: IP66, IP67, IP68
→ UL 1741 File #E333478 (fiberglass only)
→ UL 2043 Plenum Space Rated (fiberglass only)
→ Temperature Range (Fiberglass): (-76°F to +274°F) (-60°C to +134°C)

→ Temperature Range (Polycarbonate): (-40°F to +248°F) (-40°C to +120°C)
→ Flammability Rating: UL94-5V
→ IK10 Impact Rating (Fiberglass Only)
→ Self-Extinguishing: Non-halogenated, non-flame propagating
→ Full chemical resistance (see catalog for details)
→ NFPA NO. 101 Flame Spread: Class A (1)
→ Outdoor UV Exposure (UL 746C): (f1) Rated

CATALOG NUMBERS AND DIMENSIONS:

Note: All measurements are in inches.

CF Series Fiberglass
Small Junction Enclosures

CATALOG #	OVERALL H x W x D	INSIDE H x W x D
CF332*	3.72 x 3.63 x 2.95	3.13 x 3.03 x 2.70
CF532	5.97 x 3.63 x 3.14	5.38 x 3.03 x 2.87
CF644	6.63 x 3.81 x 3.89	6.00 x 3.19 x 3.63
CF832	8.41 x 3.63 x 3.14	7.82 x 3.03 x 2.87
CF844	8.88 x 3.81 x 3.89	8.26 x 3.19 x 3.63
CF932	9.35 x 3.63 x 3.14	8.75 x 3.03 x 2.87
CF1144	11.13 x 3.81 x 3.89	10.51 x 3.19 x 3.63
CF1432	13.78 x 3.63 x 3.14	13.19 x 3.03 x 2.87
CF1732	17.35 x 3.63 x 3.14	16.75 x 3.03 x 2.87

*Flat Cover

CF Series Polycarbonate
Small Junction Enclosures

CATALOG #	OVERALL H x W x D	INSIDE H x W x D
CFPC432	4.34 x 3.16 x 2.79	3.92 x 2.74 x 2.51
CFPC533	5.12 x 3.16 x 3.54	4.71 x 2.74 x 3.26

CF Series Mounting Feet Kit

CATALOG #	DESCRIPTION
CFMTGFTKIT	Only available for catalog numbers CF644, CF844, and CF1144

F Series Fiberglass
Small Junction Enclosures

CATALOG #	OVERALL H x W x D	INSIDE H x W x D	PANEL NUMBER
F763	7.63 x 6.63 x 3.19	6.90 x 5.90 x 2.88	BP76*
F963	9.87 x 6.63 x 3.19	9.15 x 5.90 x 2.88	BP96*

*add suffix for panel material:
AL = aluminum, CS = carbon steel, FG = fiberglass SS = stainless steel
Panel sold separately.

Email quotes@robroyenclosures.com to order • stahlin.com

STAHLIN