

# CF

**Small Junction**

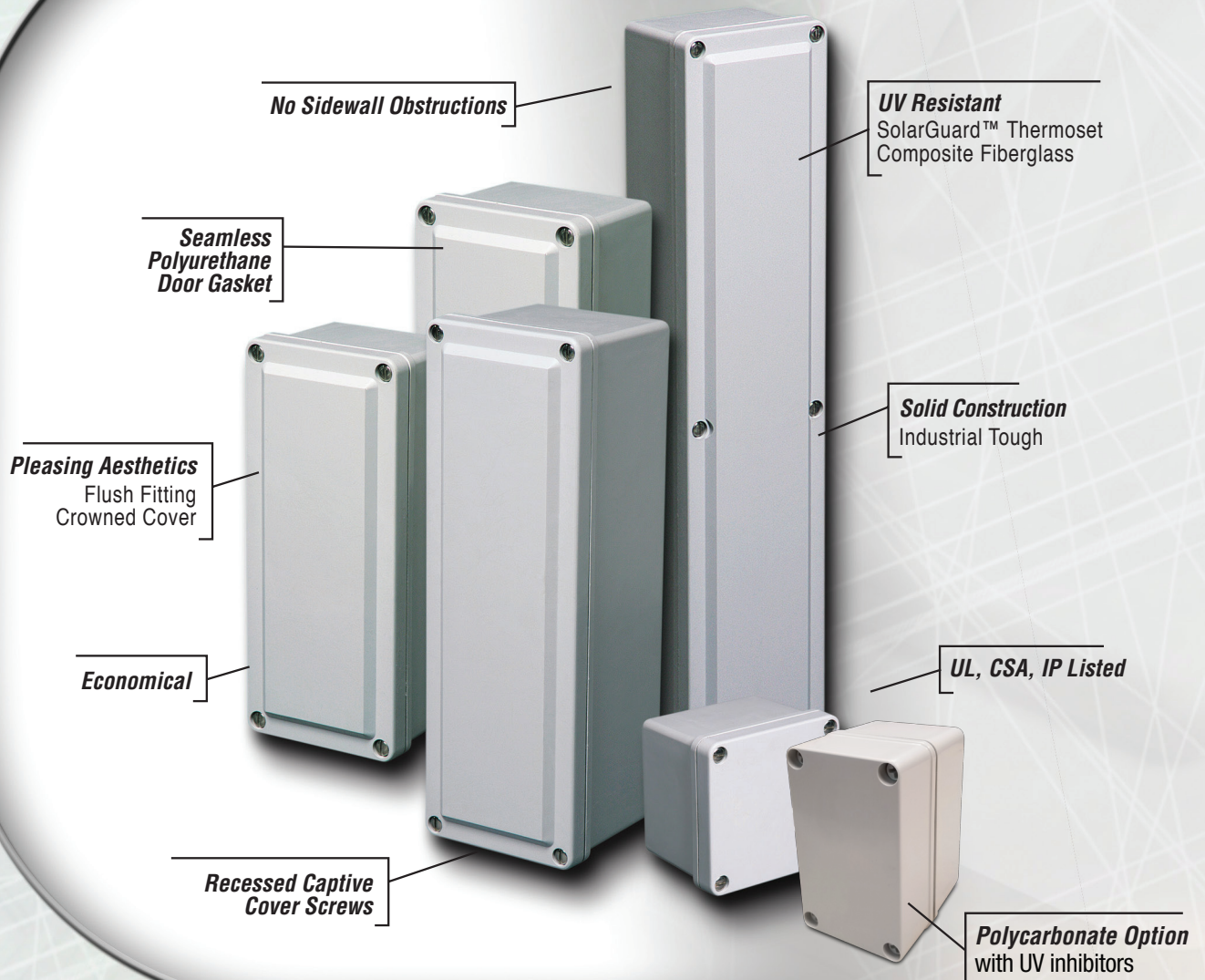
## Stahlin's Small Junction Series



**RIGHT PRODUCT  
RIGHT PRICE  
RIGHT NOW**

The Stahlin CF Series was 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 an electrical system. The rugged and durable design allows them to be used in many MRO and OEM applications. The slim design style allows easy use of pushbuttons and switches in machine control applications or where tight or dense space requirements are necessary.

### "Small Junction" Featured Highlights



#### Small Junction Series Industry Standards

- UL/cUL 50: File E64358 Type 1, 3R, 4X, 6P, 12, 13
- NEMA 250: Type 1, 3R, 4X, 6P, 12
- CSA Std C22.2: File LR069014\* Type 1, 3R, 4X, 6P, 12
- Temp. Range (Fiberglass): (-76°F to +274°F) (-60°C to +134°C)
- Temp. Range (Polycarbonate): (-20°F to +240°F) (-29°C to +115°C)
- Flammability Rating: UL94-5V
- Self Extinguishing: Non-flame propagating
- IEC 60529 File: 362920 Ratings: IP66, IP67\*, IP68

#### Small Junction Series Key Features:

- 11 sizes available
- Size range from 3" x 3" to 17" x 3"
- No sidewall obstructions
- Submersion rated
- Up to NEMA 4X, 6P
- Plenum Space Rating (UL 2043)\*

\*Fiberglass only



**ROBROY  
ENCLOSURES**

SEE REVERSE SIDE  
FOR MORE INFORMATION



# Stahlin's Small Junction Series Configuration



### No Suffix- 4 Cover Screws, Lift Off Cover

- Lift off cover design
- Continuous polyurethane cover gasket
- Small raised beveled cover.
- Recessed captive stainless steel screws\*
- Polycarbonate cover screws for polycarbonate box
- Cover flush with enclosure sides
- External mounting feet available as modification\*

### Design Features

- **Soft Edge Design:**  
Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- **Material:**  
Hot compression molded fiberglass reinforced polyester (thermoset) 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
- **Enclosure mounting**  
Optional mounting feet are available.\*
- **Stainless Steel Hardware:**  
300 Series stainless used on all external hardware\*

### Physical Characteristics

- **Dust-tight:**  
Results in an environmentally sealed, environmentally sound space
- **Pleasing aesthetics:** Smooth lines, soft colors easily blend into customer's design concepts
- **Color/Finish:**  
Smooth surface, no color variations, swirls, or color pockets, no voids. Color described as Glacier Gray\*
- **UV resistant:**  
Minimizes the affects of sunlight
- **Light weight:**  
Solid construction in a lightweight design
- **Non Conductive:**  
Double insulated material. No incidental electrical contact
- **Workable material:**  
Cuts, drills, punches, and saws with ease and accuracy
- **Impact resistant:**  
Resilient material with high impact resistance
- **Non corrosive:**  
Stands up to an exceptionally broad range of chemical exposures
- **Water-tight:**  
Rated watertight and submersible for a prolonged period
- **Plenum Space Rating (UL 2043)\***

### Small Junction Series Fiberglass - Inside Dimensions

Size ID	H x W x D
CF332	3.13 x 3.03 x 2.70
CF532	5.38 x 3.03 x 2.87
CF644	6.00 x 3.19 x 3.63
CF832	7.82 x 3.03 x 2.87
CF844	8.26 x 3.19 x 3.63
CF932	8.75 x 3.03 x 2.87
CF1144	10.51 x 3.19 x 3.63
CF1432	13.19 x 3.03 x 2.87
CF1732	16.75 x 3.03 x 2.87

### NEW! Small Junction Series Polycarbonate - Inside Dimensions

CFPC432	4.34 x 3.16 x 2.79	NEW!
CFPC533	5.12 x 3.16 x 3.54	NEW!

\*Fiberglass only

### Accessories

- Mounting feet CFMTGFTKIT\*

### Modifications

- Custom cutouts
- Silk screening
- Molded in custom colors
- Custom hole drilling
- Mounting feet\*
- Decals

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