



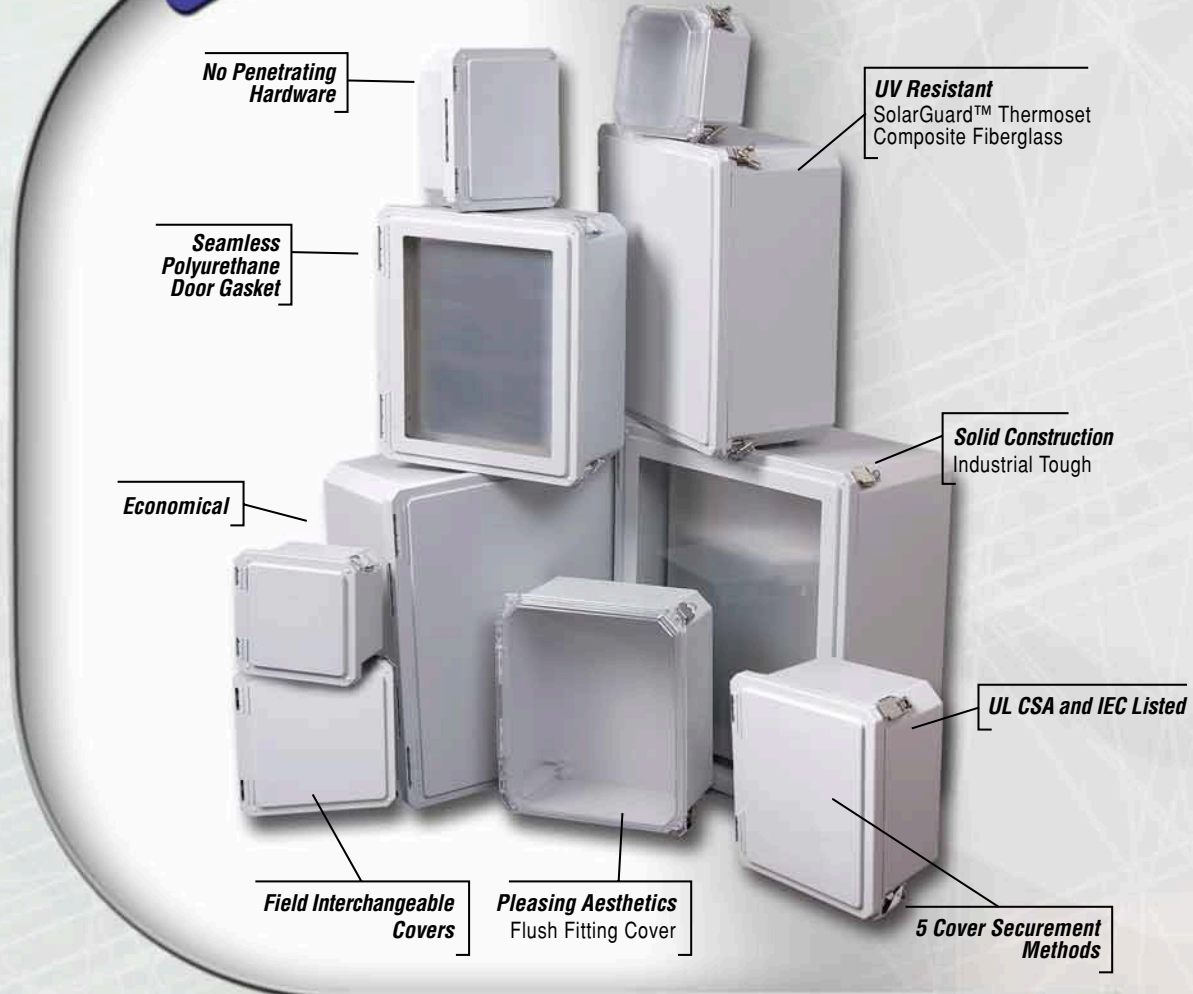
Stahlin's DiamondShield™ DS & DSW Series Enclosures



The Stahlin Diamondshield Series is our product offering developed for design flexibility and pleasing aesthetics. Applications include high-end electronics, harsh corrosive environments, and industrial applications both indoors and out. Unique internal panel management capabilities provides the end user with only the features they need for their application, yet able to use every cubic inch of valuable internal enclosure space. The series offers an additional feature of panel mounting in the cover for use as an operator interface in industrial equipment control stations when required.

**RIGHT PRODUCT
RIGHT PRICE
RIGHT NOW**

"DS" Series Featured Highlights



DiamondShield™ DS Industry Standards:

- NFPA No. 101: Flame Spread Class A (1)
- Self Extinguishing: Non-Halogenated, non-flame propagating
- Flammability: UL94 V0, 5V
- Temperature Range: (-40° F to 250° F)
- IEC 60529: IP66
- CSA Std. C22.2: Type 1, 3, 3s, 12, 13, 4X
- NEMA Std. 250: Type 1, 3, 3s, 12, 13, 4X
- UL/cUL 50/508: Type 1, 3, 3s, 12, 13, 4X

DiamondShield™ DS Series Key Features:

- Over 150 configurations available in 10 sizes
- Size range from 6" x 6" to 20" x 16"
- Flat, bonded window, and clear cover options available
- 5 cover securement methods available
- Field interchangeable covers and hardware
- No penetrable hardware
- Unobstructed walls for ease of conduit or component placement
- Panel mounting capability in the cover
- Up to NEMA 4X



**SEE REVERSE SIDE
FOR MORE INFORMATION**



Stahlin's DiamondShield™- DS & DSW Series Configurations



- W - Lift Off Cover Design**
- Interchangeable Covers & Hardware
 - Panel Management System
 - Clean, Contemporary Look
 - No Penetrating Hardware
 - Lift Off Cover Design, 4 Cover Screws
 - Cover Panel
 - Unobstructed Walls
 - FIP Urethane Gasket



- FHL - Stainless Steel Hinge, Non-Metallic Bale Wire Latch**
- Interchangeable Covers & Hardware
 - Panel Management System
 - Clean, Contemporary Look
 - No Penetrating Hardware
 - Full 180 degree Door Opening
 - Cover Panel
 - Unobstructed Walls
 - FIP Urethane Gasket
 - Hinged Cover, Bale Wire Latch, Non-Metallic



- HW - Hinged Cover, Stainless Steel Hinge**
- Interchangeable Covers & Hardware
 - Panel Management System
 - Clean, Contemporary Look
 - No Penetrating Hardware
 - Full 180 degree Door Opening
 - Cover Panel
 - Unobstructed Walls
 - FIP Urethane Gasket
 - Hinged Cover, 2 Cover Screws



- HPL - Quick Release Pull Latch**
- Interchangeable Covers & Hardware
 - Panel Management System
 - Clean, Contemporary Look
 - No Penetrating Hardware
 - Full 180 degree Door Opening
 - Cover Panel
 - Unobstructed Walls
 - FIP Urethane Gasket
 - Hinged Cover, Quick Release Pull Latch



- HLL - Link Lock Latch For Quick Entry**
- Interchangeable Covers & Hardware
 - Panel Management System
 - Clean, Contemporary Look
 - No Penetrating Hardware
 - Full 180 degree Door Opening Panel
 - Unobstructed Walls
 - FIP Urethane Gasket
 - Hinged Cover, Link Lock Latch For Quick Entry

DiamondShield™ DS & DSW Series - Inside Dimensions

Size ID	H x W x D
DS(W)60604	7.41 x 7.79 x 4.31
DS(W)80604	9.41 x 7.79 x 4.31
DS(W)80804	9.39 x 9.76 x 4.31
DS(W)100806	11.42 x 9.79 x 6.31
DS(W)121006	13.45 x 11.83 x 6.31
DS(W)141206	15.49 x 13.86 x 6.34
DS(W)141208	15.49 x 13.86 x 8.34
DS(W)161408	17.58 x 15.96 x 8.34
DS(W)181610	19.77 x 18.15 x 10.34
DS(W)201610	21.79 x 18.16 x 10.34

(W): Flush Bonded Window Designation

BACK PANEL (BP)

- Traditional sized back panel
- Common industry mounting footprint
- Wide choice of material



VARIABLE HEIGHT STATIONARY PANEL (STAL)

- Mounts at any height in the enclosure base including as back panel or use as a top stationary dead front panel
- Larger panel area than traditional back panels maximizes surface mounting area
- Used in conjunction with corner mounting posts



DEAD FRONT SWING PANEL (SWAL)

- Mounts at the front of the enclosure
- Larger surface area when compared to the variable height swing panel
- Hinged on one side, secured to the other
- Used in conjunction with corner mounting posts

VARIABLE HEIGHT SWING PANEL (ASAL)

- Mounts at any height in the enclosure base
- Hinged on one side, secured to the other
- Used in conjunction with corner mounting posts



COVER PANEL (CP)

- Stationary panel that mounts to the inside of the enclosure cover.

Contact Your Sales Rep:

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