

# DuraShield™

FROM **ATTABOX™** | A BRAND OF **ROBROY®** ENCLOSURES

## **Proven Protection Because Of Simplicity In An Extremely Rugged Design**

**DuraShield** (DU) Series enclosures are designed for rugged, durable performance in both commercial and industrial indoor and outdoor environments such as mining, oil, gas, wastewater treatment, and petro-chem.

This fiberglass-reinforced polyester product was developed with a low profile design and shallow depth. A simplified mounting system accommodates a direct-to-wall mounting, leaving unobstructed top, bottom and sides for dense mounting requirements.

Because of their pleasing aesthetics and flush cover design, **DuraShield** Series enclosures are highly valued in high-end electronic applications such as wireless communications and operator interfaces. A poured-in-place polyurethane gasket ensures a rain-tight, water-tight and submersible rating.

**DuraShield** Enclosures are an exceptional blending of stylistic beauty and rugged endurance.

## **DURASHIELD SERIES ATTRIBUTES**

- 14 sizes available
- Size range from 3" x 3" to 24" x 16"
- Flat cover with captive cover screws
- DIN rail mounting capabilities
- No sidewall obstructions, flush cover
- Aluminum back panels available for all sizes

## **DURASHIELD SERIES INDUSTRY STANDARDS**

<b>UL/cUL File #</b>	E64358
<b>NEMA Ratings</b> <b>(UL508A, UL50 &amp; UL50e)</b>	1, 3, 3S, 4X, 6, 6P, 12
<b>CSA Std. C22.2 File #</b>	LR069014
<b>IEC 60529 Ratings</b>	IP66, IP67, IP68
<b>Temperature Range</b>	(-26°F to +257°F) (-32°C to +125°C)
<b>Flammability Rating</b>	UL94-V0
<b>Self Extinguishing</b> propagating	Non-halogenated, Non-flame
<b>Certifications</b>	UL, CSA, CE, REACH, RoHS
<b>Outdoor UV Exposure (UL 746C)</b>	(f1) Rated
<b>Chemical Resistance</b>	Visit AttaBox.com



**DuraShield (DU)**



**DuraShield (DUL)**

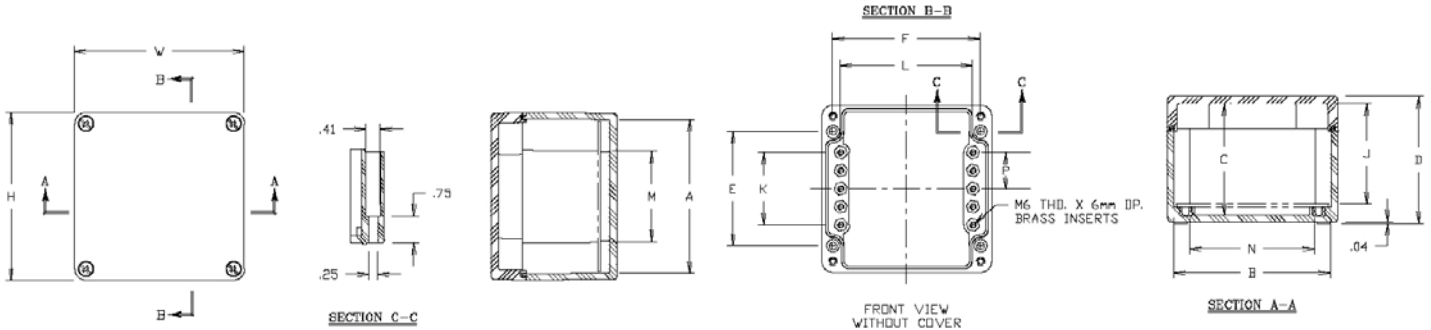
# DuraShield | Opaque Cover | W

FLUSH FITTING COVER FASTENED BY CAPTIVE LID SCREWS



## CONSTRUCTION

<b>Material (Box &amp; Cover)</b>	Hot Compression Molded Fiberglass Reinforced Polyester (Thermoset)
<b>Gasket Material</b>	Poured polyurethane seamless gasket
<b>Cover Screw Material</b>	304 Stainless Steel
<b>Cover Screw Size</b>	M6 x 35 mm
<b>Cover Screw Torque</b>	17-22 in.-lbs.
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal Inserts</b>	All bosses utilize threaded brass inserts accepting M6 screws
<b>Soft Edge Design</b>	Rounded Edges, Minimal Protrusions Or Exposed Pocket Areas



## DURASHIELD W DIMENSIONS

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING E X F	J	K	L	M	N	P	SHIPPING WEIGHT	PANEL NUMBER
<b>DU333W</b>	2.95 x 3.15 x 2.78 (75 x 80 x 76)	2.56 x 2.76 x 2.56 (65 x 70 x 65)	1.57 x 2.48 (40 x 63)	2.26 (57)	N/A	2.28 (58)	1.06 (27)	1.93 (49)	N/A	0.81 LB	BPDU33A*
<b>DU342W</b>	2.95 x 4.33 x 2.22 (75 x 110 x 56)	2.56 x 3.93 x 1.81 (65 x 100 x 46)	1.77 x 3.86 (45 x 98)	1.53 (39)	N/A	3.50 (89)	1.29 (33)	3.37 (86)	N/A	.88 LB	BPDU34A*
<b>DU554W</b>	4.72 x 4.80 x 3.58 (120 x 122 x 91)	4.33 x 4.41 x 3.15 (110 x 112 x 80)	3.23 x 4.17 (82 x 106)	2.93 (74)	2.05 (52)	3.74 (95)	2.56 (65)	3.50 (89)	1.02 (26)	1.7 LB	BPDU55A*
<b>DU593W</b>	4.72 x 8.66 x 3.19 (120 x 220 x 81)	4.34 x 8.28 x 2.83 (110 x 210 x 72)	3.23 x 8.03 (82 x 204)	2.62 (67)	2.05 (52)	7.60 (193)	2.57 (65)	7.37 (187)	1.02 (26)	2.4 LB	BPDU59A*
<b>DU594W</b>	4.72 x 8.66 x 3.58 (120 x 220 x 91)	4.33 x 8.27 x 3.15 (110 x 210 x 80)	3.23 x 8.03 (82 x 204)	2.93 (74)	2.05 (52)	7.60 (193)	2.57 (65)	7.37 (187)	1.02 (26)	2.5 LB	BPDU59A*
<b>DU774W</b>	6.30 x 6.30 x 3.58 (160 x 160 x 91)	5.79 x 5.79 x 3.11 (147 x 147 x 79)	4.33 x 5.51 (110 x 140)	2.93 (74)	2.99 (76)	5.20 (132)	3.50 (89)	4.68 (119)	1.50 (38)	2.8 LB	BPDU77A*
<b>DU7114W</b>	6.30 x 10.24 x 3.58 (160 x 260 x 91)	5.79 x 9.72 x 3.11 (147 x 247 x 79)	4.33 x 9.45 (110 x 240)	2.93 (74)	2.99 (76)	9.13 (232)	3.50 (89)	8.62 (219)	1.50 (38)	3.8 LB	BPDU711A*
<b>DU10105W</b>	9.84 x 10.04 x 4.76 (250 x 255 x 121)	9.31 x 9.51 x 4.29 (236 x 242 x 109)	7.87 x 9.25 (200 x 235)	4.11 (104)	3.94 (100)	8.94 (227)	7.03 (179)	8.41 (214)	1.97 (50)	6.4 LB	BPDU1010A*
<b>DU10165W</b>	9.84 x 15.75 x 4.76 (250 x 400 x 121)	9.31 x 15.22 x 4.29 (236 x 387 x 109)	7.87 x 14.96 (200 x 380)	4.09 (104)	3.94 (100)	14.65 (327)	7.03 (179)	14.12 (359)	1.97 (50)	8.8 LB	BPDU1016A*
<b>DU14144W</b>	14.17 x 14.17 x 3.58 (360 x 360 x 91)	13.66 x 13.66 x 3.11 (347 x 347 x 79)	12.20 x 13.39 (310 x 340)	2.91 (74)	5.35 (136)	13.07 (332)	11.38 (289)	12.56 (319)	2.68 (68)	8.0 LB	BPDU1414A*
<b>DU16165W</b>	15.94 x 15.75 x 4.76 (405 x 400 x 121)	15.42 x 15.22 x 4.29 (392 x 387 x 109)	13.98 x 14.96 (355 x 380)	4.09 (104)	9.84 (250)	14.65 (372)	13.14 (334)	14.12 (359)	4.92 (125)	11.0 LB	BPDU1616A*

\* Panel ordered separately

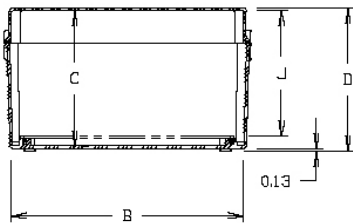
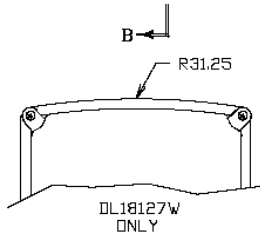
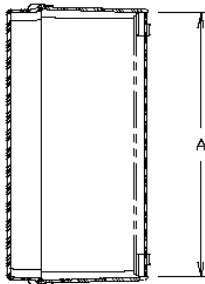
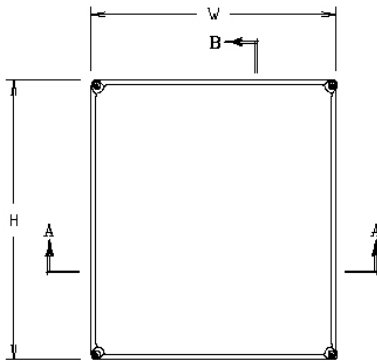
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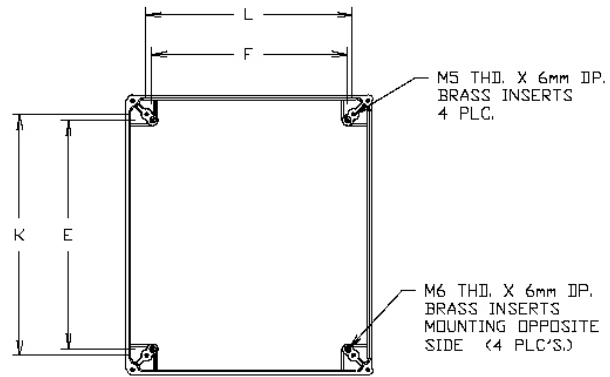


## CONSTRUCTION

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SECTION A-A



FRONT VIEW WITHOUT COVER

## DURASHIELD W DIMENSIONS

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING E X F	J	K	L	SHIPPING WEIGHT	PANEL NUMBER
<b>DUL18127W</b>	16.54 x 10.63 x 7.22 (420 x 270 x 183)	15.02 x 9.12 x 6.85 (382 x 232 x 174)	12.68 x 7.17 (322 x 182)	6.26 (159)	13.46 (342)	7.95 (202)	5.5 LBS	BPDU1812A*
<b>DUL18168W</b>	16.54 x 14.57 x 8.44 (420 x 370 x 214)	15.56 x 13.59 x 7.99 (395 x 345 x 207)	13.54 x 11.57 (344 x 294)	7.44 (189)	14.25 (362)	12.24 (311)	9.9 LBS	BPDU1816A*
<b>DUL24168W</b>	23.63 x 16.54 x 8.44 (600 x 420 x 214)	22.67 x 15.55 x 7.99 (576 x 395 x 207)	20.63 x 13.54 (524 x 344)	7.44 (189)	21.34 (542)	14.21 (361)	15.4 LBS	BPDU2416A*

Caution: Metric units are for reference; do not convert  
\* Panel ordered separately