



CONSTRUCTION

Material (Box & Cover)	Polycarbonate with UV inhibitors
Gasket Material	Neoprene rope style, Poured polyurethane seamless gasket on select sizes
Cover Screw Material	304 Stainless Steel
Mounting Bosses	Panel mounting capability for fixed rear panel
Back Panel Screw Size	#10-32x3/8
Metal Inserts	All threaded brass inserts accepting #10-32 screws
Cover Screw Size	#10-32 x 5/8
Cover Screw Torque	20-24 in.-lbs.
Mounting Feet Inserts	1/4-20x1/2
Mounting Feet Torque	14-16in.-lbs
Hinge and Latch Hardware	Polycarbonate with UV inhibitors
Side Mount Solutions	Variable height side mount capability

INDUSTRY STANDARDS

UL/cUL File #	E319779
NEMA Ratings (UL508A, UL50 & UL50e)	1, 3R, 4, 4X, 6P, 12
IEC 60529 Ratings	IP66, IP68
Temperature Range	(-20° F to +240° F) (-29° C to +115° C)
Flammability Rating	UL94-5VA
Self Extinguishing	Non-halogenated, non-flame propagating
Certifications	cULus, CE, REACH, RoHS
Outdoor UV Exposure (UL 746C)	(f1) Rated
Chemical Resistance	See chart on page 120

ACCESSORIES

BACK PANELS

Aluminum	BP__A	pg. 108
Carbon Steel	BP__CS	pg. 108
ABS	BP__ABS	pg. 108

ACCESSORIES

Swing Panel Mounts (4 per kit)	pg. 17
DIN Rail / DIN Rail Kit	pg. 17
Vents	pg. 104
4X Breather Vent	pg. 102
4X Drain Vent	pg. 102
PluggIt	pg. 103
Cable Glands	pg. 106
Thermal Accessories	pg. 115
Thumb Screw Kit	pg. 17
Pole Mount Kit	pg. 17
All Other Accessories	Pg. 102-117

MODIFICATIONS

Custom Colors	pg. 10-11
Silk Screening	pg. 10-11
Custom Cutouts/Holes	pg. 10-11



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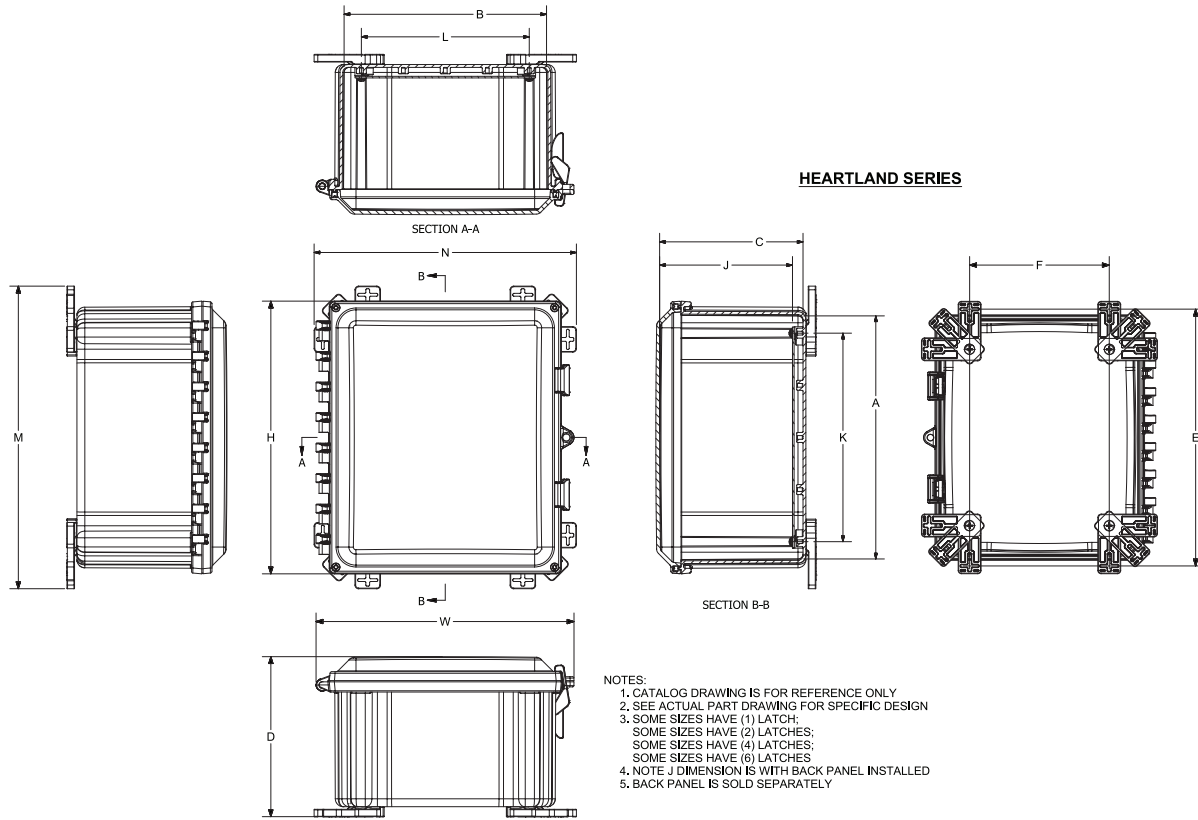
Swing Panel Mounts (4 per kit)	pg. 17
DIN Rail / DIN Rail Kit	pg. 17
Vents	pg. 104
4X Breather Vent	pg. 102
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Heartland

TECHNICAL DRAWINGS / DIMENSIONS



HEARTLAND SERIES DIMENSIONS

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING HOR. E X F	MOUNTING VER. E X F	MOUNTING 45 E X F	J	K	L	M	N	SHIPPING WEIGHT	PANEL NUMBER
AH664 AH664C	7.41 x 8.68 x 5.84 (188 x 223 x 148)	5.94 x 5.94 x 5.02 (151 x 151 x 127)	3.64 x 8.40 (93 x 213)	8.04 x 3.64 (204 x 93)	6.75 x 6.74 (171 x 171)	4.50 (114)	4.25 (108)	4.25 (108)	8.89 (226)	8.89 (226)	2.50 lbs.	BP66**
AH864 AH864C	9.41 x 8.68 x 5.86 (239 x 223 x 149)	7.97 x 5.97 x 5.07 (202 x 152 x 129)	5.64 x 8.04 (143 x 213)	10.04 x 3.64 (255 x 93)	8.76 x 6.75 (223 x 171)	4.56 (116)	6.25 (159)	4.25 (108)	10.89 (277)	8.89 (226)	3.19 lbs.	BP86**
AH884 AH884C	9.41 x 10.68 x 5.86 (239 x 271 x 149)	7.97 x 7.97 x 5.03 (202 x 202 x 128)	5.63 x 10.03 (143 x 255)	10.04 x 5.63 (255 x 143)	8.74 x 8.78 (222 x 223)	4.53 (115)	6.25 (159)	6.25 (159)	10.88 (277)	10.88 (277)	CF	BP88**
AH1084 AH1084C	11.41 x 10.68 x 6.36 (290 x 271 x 161)	9.96 x 7.96 x 5.57 (253 x 202 x 142)	7.64 x 10.04 (194 x 255)	12.04 x 5.64 (306 x 143)	10.76 x 8.75 (273 x 222)	5.05 (128)	8.25 (210)	6.25 (159)	12.89 (327)	10.89 (277)	4.31 lbs.	BP108**
AH1086 AH1086C	11.41 x 10.68 x 7.89 (209 x 271 x 200)	9.95 x 7.95 x 7.06 (253 x 202 x 179)	7.63 x 10.03 (194 x 255)	12.03 x 5.63 (306 x 143)	10.76 x 8.75 (273 x 222)	6.54 (166)	8.25 (210)	6.25 (159)	12.88 (327)	10.88 (277)	CF	BP108**
AH10106 AH10106C	11.41 x 12.68 x 6.97 (209 x 322 x 177)	9.95 x 9.95 x 6.15 (253 x 253 x 156)	7.63 x 12.03 (194 x 306)	12.03 x 7.63 (306 x 194)	10.76 x 10.75 (273 x 273)	5.65 (144)	8.25 (210)	8.25 (210)	12.88 (327)	12.88 (327)	CF	BP1010**
AH12106 AH12106C	13.40 x 12.68 x 7.86 (340 x 322 x 200)	11.95 x 9.95 x 7.07 (304 x 253 x 180)	9.64 x 12.04 (245 x 306)	14.04 x 7.64 (357 x 194)	12.76 x 10.75 (324 x 273)	6.56 (167)	10.25 (260)	8.25 (210)	14.89 (378)	12.89 (327)	6.19 lbs.	BP1210**
AH14126 AH14126C	15.40 x 14.68 x 7.86 (391 x 373 x 200)	13.95 x 11.95 x 7.07 (354 x 304 x 180)	11.64 x 14.04 (296 x 357)	16.04 x 9.64 (407 x 245)	14.76 x 12.75 (375 x 324)	6.56 (167)	12.25 (311)	10.25 (260)	16.89 (429)	14.89 (378)	7.99 lbs.	BP1412**
AH16148 AH16148C	17.65 x 16.68 x 9.98 (448 x 424 x 253)	15.93 x 13.93 x 9.20 (405 x 354 x 234)	13.64 x 16.04 (347 x 407)	18.04 x 11.64 (458 x 296)	16.76 x 14.75 (426 x 375)	8.68 (220)	14.25 (362)	12.25 (311)	18.89 (480)	16.89 (429)	10.00 lbs.	BP1614**
AH181610 AH181610C	19.41 x 18.68 x 11.90 (493 x 474 x 302)	17.83 x 15.83 x 11.08 (453 x 402 x 281)	15.64 x 18.04 (397 x 458)	20.04 x 13.64 (509 x 347)	18.75 x 16.74 (476 x 425)	10.56 (268)	16.25 (413)	14.25 (362)	20.89 (531)	18.89 (480)	11.25 lbs.	BP1816**
AH18164 AH181614C	19.41 x 18.68 x 5.41 (493 x 474 x 137)	18.16 x 16.16 x 5.08 (461 x 410 x 129)	N/A	20.50 x 13.50 (521 x 343)	N/A	4.56 (116)	16.25 (413)	14.25 (362)	21.75 (552)	N/A	CF	BP1816**
AH20168 AH20168C	21.41 x 18.68 x 9.97 (544 x 474 x 253)	19.86 x 15.86 x 9.15 (504 x 403 x 232)	18.75 x 19.17 (476 x 487)	23.15 x 14.75 (588 x 375)	21.91 x 17.87 (557 x 454)	8.65 (220)	18.25 (464)	14.25 (362)	24.00 (610)	20.02 (509)	CF	BP2016**
AH242410 AH242410C	25.41 x 26.68 x 11.41 (645 x 678 x 290)	23.91 x 23.91 x 11.88 (607 x 607 x 302)	N/A	25.69 x 18.00 (653 x 457)	N/A	10.56 (268)	22.25 (565)	22.25 (565)	26.69 (678)	21.86 (555)	CF	BP2424**

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

* AH18164 size does not exhibit same mounting foot design. Mounting feet are molded into the box rather than installed separately.

** Panel sold separately