

FIBOX

Enclosing innovations

ARCA



NEMA
4X

-40 F

175 F

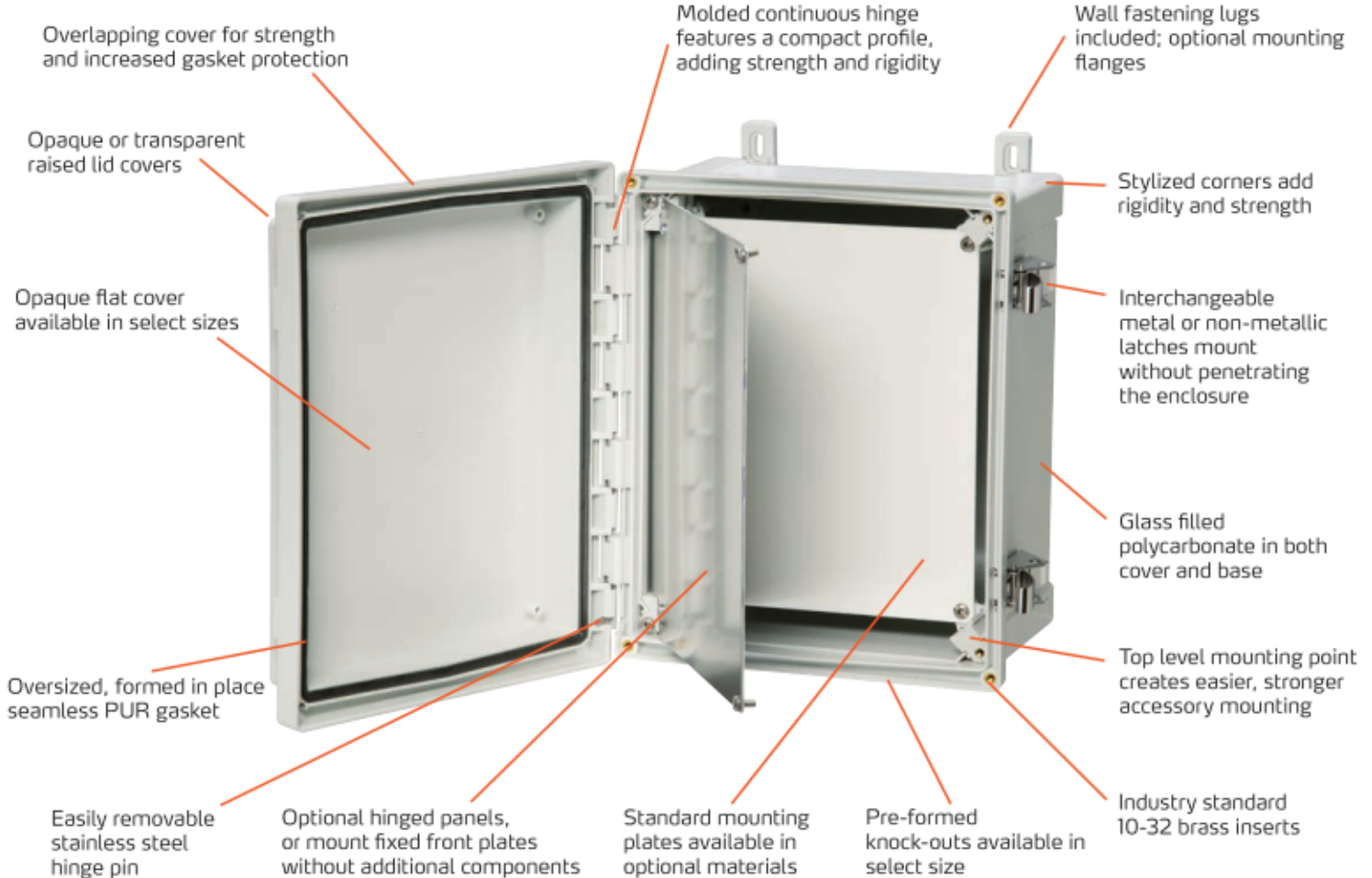


The 21ST Century Solution

ARCA enclosures advance beyond tradition to meet and exceed the growing demands of today's applications. ARCA's rugged construction achieves a unique appearance without sacrificing robustness. The stylized cover features an overlapping design proving superior protection of the formed-in-place PUR gasket.

ARCA enclosures are available with a variety of cover and mounting options including transparent and opaque covers, our standard raised lid design or for select ARCA sizes a flat cover design. Cover options also include a screw cover, hinged screw cover, and latched hinged cover. Inner panels are available in both metal and non-metallic versions with fixed or hinged mounting. Our largest size additions (24x20x8 and 24x24x10) include both JIC and NEMA panel options while our latest additions include flat covers and pre formed knock outs.

With custom cut outs, colors, and all the standard hardware you need Fibox can easily customize your ARCA enclosure for your application.



PC:

IP 66
IK 08
UL Type 4, 4X, 6, 6P, 12, and 13
UV-Protected



ARCA

Fibox's ARCA non-metallic enclosures provide users of classic electrical junction boxes an easy upgrade path to a high performance enclosure featuring the latest technologies.

Precision, injection molded, ARCA enclosures feature excellent chemical resistance and the wide temperature utilization range of polycarbonate plastic. Available in classic JIC sizes, these enclosures feature industry standard dimensions and panels.



Polycarbonate

SCREW COVER			
OPAQUE COVER	TRANSPARENT COVER	SIZE H x W x D INCHES	SIZE H x W x D METRIC
AR664SC	AR664SCT	6.0 x 6.0 x 4.0	152 x 152 x 102
AR865SC	AR865SCT	8.0 x 6.0 x 5.0	203 x 152 x 127
AR884SC	AR884SCT	8.0 x 8.0 x 4.3	203 x 203 x 108
ARI084SC	ARI084SCT	10.0 x 8.0 x 4.3	254 x 203 x 108
ARI086SC	ARI086SCT	10.0 x 8.0 x 6.0	254 x 203 x 152
ARI0106SC	ARI0106SCT	10.0 x 10.0 x 6.3	254 x 254 x 159
ARI2106SC	ARI2106SCT	12.0 x 10.0 x 6.0	305 x 254 x 152
ARI4127SC	ARI4127SCT	14.0 x 12.0 x 7.0	356 x 305 x 178
ARI6148SC	ARI6148SCT	16.0 x 14.0 x 8.0	406 x 356 x 203
ARI81610SC	ARI81610SCT	18.0 x 16.0 x 10.0	457 x 406 x 254
HINGED SCREW COVER			
OPAQUE COVER	TRANSPARENT COVER	SIZE H x W x D INCHES	SIZE H x W x D METRIC
AR664CHSC	AR664CHSCT	6.0 x 6.0 x 4.0	152 x 152 x 102
AR865CHSC	AR865CHSCT	8.0 x 6.0 x 5.0	203 x 152 x 127
AR884CHSC	AR884CHSCT	8.0 x 8.0 x 4.3	203 x 203 x 108
ARI084CHSC	ARI084CHSCT	10.0 x 8.0 x 4.3	254 x 203 x 108
ARI086CHSC	ARI086CHSCT	10.0 x 8.0 x 6.0	254 x 203 x 152
ARI0106CHSC	ARI0106CHSCT	10.0 x 10.0 x 6.3	254 x 254 x 159
ARI2106CHSC	ARI2106CHSCT	12.0 x 10.0 x 6.0	305 x 254 x 152
ARI4127CHSC	ARI4127CHSCT	14.0 x 12.0 x 7.0	356 x 305 x 178
ARI6148CHSC	ARI6148CHSCT	16.0 x 14.0 x 8.0	406 x 356 x 203
ARI81610CHSC	ARI81610CHSCT	18.0 x 16.0 x 10.0	457 x 406 x 254
HINGED COVER WITH LOCKABLE LATCH			
OPAQUE COVER	TRANSPARENT COVER	SIZE H x W x D INCHES	SIZE H x W x D METRIC
AR664CHSSL	AR664CHSSLT	6.0 x 6.0 x 4.0	152 x 152 x 102
AR865CHSSL	AR865CHSSLT	8.0 x 6.0 x 5.0	203 x 152 x 127
AR884CHSSL	AR884CHSSLT	8.0 x 8.0 x 4.3	203 x 203 x 108
ARI084CHSSL	ARI084CHSSLT	10.0 x 8.0 x 4.3	254 x 203 x 108
ARI086CHSSL	ARI086CHSSLT	10.0 x 8.0 x 6.0	254 x 203 x 152
ARI0106CHSSL	ARI0106CHSSLT	10.0 x 10.0 x 6.3	254 x 254 x 159
ARI2106CHSSL	ARI2106CHSSLT	12.0 x 10.0 x 6.0	305 x 254 x 152
ARI4127CHSSL	ARI4127CHSSLT	14.0 x 12.0 x 7.0	356 x 305 x 178
ARI6148CHSSL	ARI6148CHSSLT	16.0 x 14.0 x 8.0	406 x 356 x 203
ARI81610CHSSL	ARI81610CHSSLT	18.0 x 16.0 x 10.0	457 x 406 x 254
AR20168CHSSL	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	20.0 x 16.0 x 8.0	508 x 406 x 203
AR24208CHSSL	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	24.0 x 20.0 x 8.0	609 x 508 x 203
AR242410CHSSL	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	24.0 x 24.0 x 10	609 x 609 x 254
HINGED COVER WITH QUICK RELEASE LATCH			
OPAQUE COVER	TRANSPARENT COVER	SIZE H x W x D INCHES	SIZE H x W x D METRIC
AR664CHSS	AR664CHSST	6.0 x 6.0 x 4.0	152 x 152 x 102
AR865CHSS	AR865CHSST	8.0 x 6.0 x 5.0	203 x 152 x 127
AR884CHSS	AR884CHSST	8.0 x 8.0 x 4.3	203 x 203 x 108
ARI084CHSS	ARI084CHSST	10.0 x 8.0 x 4.3	254 x 203 x 108
ARI086CHSS	ARI086CHSST	10.0 x 8.0 x 6.0	254 x 203 x 152
ARI0106CHSS	ARI0106CHSST	10.0 x 10.0 x 6.3	254 x 254 x 159
ARI2106CHSS	ARI2106CHSST	12.0 x 10.0 x 6.0	305 x 254 x 152
ARI4127CHSS	ARI4127CHSST	14.0 x 12.0 x 7.0	356 x 305 x 178
ARI6148CHSS	ARI6148CHSST	16.0 x 14.0 x 8.0	406 x 356 x 203
ARI81610CHSS	ARI81610CHSST	18.0 x 16.0 x 10.0	457 x 406 x 254
AR20168CHSS	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	20.0 x 16.0 x 8.0	508 x 406 x 203
AR24208CHSS	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	24.0 x 20.0 x 8.0	609 x 508 x 203
AR242410CHSS	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	24.0 x 24.0 x 10	609 x 609 x 254
HINGED COVER WITH LOCKABLE TWIST			
OPAQUE COVER	TRANSPARENT COVER	SIZE H x W x D INCHES	SIZE H x W x D METRIC
AR20168CHTSS	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	20.0 x 16.0 x 8.0	508 x 406 x 203
AR24208CHTSS	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	24.0 x 20.0 x 8.0	609 x 508 x 203
AR242410CHTSS	CONTACT YOUR FIBOX REPRESENTATIVE FOR WINDOW OPTIONS	24.0 x 24.0 x 10	609 x 609 x 254



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Accessories

BACK PANELS FOR ALL ARCA SERIES - AVAILABLE IN ALUMINIUM AND NON-METALLIC			
PANEL CATALOG NUMBER	PANEL SIZE H x W	ENCLOSURE MOUNTING F x G	EXTERIOR OVERALL H x W x D
ABP66	4.9 x 4.9 (124 x 124)	6.7 x 4.0 (170 x 102)	7.6 x 7.4 x 4.7 (192 x 188 x 120)
ABP86	6.7 x 4.9 (171 x 124)	8.7 x 4.0 (220 x 102)	9.5 x 7.4 x 5.7 (242 x 189 x 145)
ABP88	6.9 x 6.9 (175 x 175)	8.4 x 6.0 (213 x 152)	9.5 x 9.3 x 4.9 (241 x 236 x 125)
ABP 88	8.9 x 6.9 (225 x 175)	10.4 x 6.0 (264 x 152)	11.5 x 9.3 x 4.9 (292 x 236 x 125)
ABP108	8.9 x 6.9 (225 x 175)	10.7 x 6.0 (271 x 152)	11.5 x 9.3 x 6.7 (291 x 237 x 171)
ABP 1010	8.9 x 8.9 (225 x 225)	10.4 x 8.8 (264 x 223)	11.4 x 11.4 x 7.0 (290 x 290 x 177)
ABP 1210	10.8 x 8.9 (275 x 225)	12.7 x 8.0 (322 x 203)	13.5 x 11.4 x 6.7 (342 x 289 x 171)
ABP 1412	12.8 x 10.8 (324 x 275)	14.8 x 10.0 (375 x 254)	15.5 x 13.3 x 7.7 (393 x 339 x 196)
ABP 1614	14.8 x 12.9 (376 x 328)	16.7 x 12.0 (424 x 305)	17.8 x 15.5 x 8.7 (452 x 394 x 221)
ABP 1816	16.7 x 14.9 (424 x 378)	18.7 x 14.0 (475 x 356)	19.8 x 17.5 x 10.7 (503 x 444 x 272)
ABP 2016	18.9 x 14.9 (480 x 378)	23.25 x 14 (590.6 x 355.8)	23.31 x 17.43 x 8.75 (566.6 x 442.8 x 222)
ABP 2420	22.9 x 18.9 (581 x 480)	27.25 x 18 (692 x 457.4)	25.75 x 21.43 x 8.75 (654 x 544.4 x 222)
ABP 2424	23 x 23 (584 x 584)	27.26 x 21 (692.5 x 533.4)	26.14 x 25.83 x 10.64 (664 x 656 x 270)

Accessories

ORDER SYMBOL	DESCRIPTION	ORDER SYMBOL	DESCRIPTION
AVBK	ADJUSTABLE-DEPTH MOUNTING KITS FOR INSTALLING PANELS AT ANY DEPTH WITHIN YOUR ENCLOSURE.	AMFL	FLANGE MOUNTING BRACKETS ENABLE ENCLOSURES TO BE WALL OR PANEL MOUNTED.
ASPK	SWING PANEL KITS PROVIDE PROTECTED ACCESS TO YOUR ENCLOSURE.	AMFS	STAINLESS STEEL MOUNTING FEET ENABLE ENCLOSURES TO BE WALL OR PANEL MOUNTED.

ARCA Flat Cover Design

Offering greater real estate on the cover, without sacrificing the sleek design and robust strength synonymous with an ARCA, select ARCA enclosures offer a flat cover.

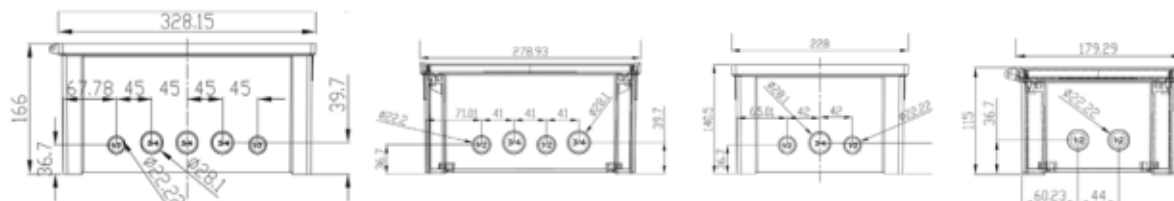


Polycarbonate

OPAQUE FLAT COVER DESIGN				
SCREW COVER	HINGED SCREW COVER	HINGED LATCHED COVER	SIZE H x W x D INCHES	SIZE H x W x D METRIC
AR864FSC	AR864CHFSC	AR864CHFSSL	8.0 x 6.0 x 4.0	203 x 152 x 102
AR1083FSC	AR1083CHFSC	AR1083CHFSSL	10.0 x 8.0 x 3.0	254 x 203 x 76.5
AR1085FSC	AR1085CHFSC	AR1085CHFSSL	10.0 x 8.0 x 5.0	254 x 203 x 127.5
AR12105FSC	AR12105CHFSC	AR12105CHFSSL	12.0 x 10.0 x 5.0	305 x 254 x 127.5
AR14126FSC	AR14126CHFSC	AR14126CHFSSL	14.0 x 12.0 x 6.0	356 x 305 x 153

ARCA Knock-out Base

Fibox presents the first and only non-metallic JIC enclosure with pre-formed knock-outs. Select ARCA enclosure bases include knock-out sized at 3/4 and 1/2 inches.



Polycarbonate

SCREW COVER				
OPAQUE COVER	TRANSPARENT COVER	KNOCK-OUT CONFIGURATION	SIZE H x W x D INCHES	SIZE H x W x D METRIC
ARK865SC	ARK865SCT	1/2, 1/2	8.0 x 6.0 x 5.0	203 x 152 x 127
ARK1086SC	ARK1086SCT	1/2, 3/4, 1/2	10.0 x 8.0 x 6.0	254 x 203 x 152
ARK12106SC	ARK12106SCT	1/2, 3/4, 1/2, 3/4	12.0 x 10.0 x 6.0	305 x 254 x 152
ARK14127SC	ARK14127SCT	1/2, 3/4, 3/4, 3/4, 1/2	14.0 x 12.0 x 7.0	356 x 305 x 178
HINGED SCREW COVER				
OPAQUE COVER	TRANSPARENT COVER	KNOCK-OUT CONFIGURATION	SIZE H x W x D INCHES	SIZE H x W x D METRIC
ARK865CHSC	ARK865CHSCT	1/2, 1/2	8.0 x 6.0 x 5.0	203 x 152 x 127
ARK1086CHSC	ARK1086CHSCT	1/2, 3/4, 1/2	10.0 x 8.0 x 6.0	254 x 203 x 152
ARK12106CHSC	ARK12106CHSCT	1/2, 3/4, 1/2, 3/4	12.0 x 10.0 x 6.0	305 x 254 x 152
ARK14127CHSC	ARK14127CHSCT	1/2, 3/4, 3/4, 3/4, 1/2	14.0 x 12.0 x 7.0	356 x 305 x 178
HINGED LOCKABLE LATCH COVER				
OPAQUE COVER	TRANSPARENT COVER	KNOCK-OUT CONFIGURATION	SIZE H x W x D INCHES	SIZE H x W x D METRIC
ARK865CHSSL	ARK865CHSSLT	1/2, 1/2	8.0 x 6.0 x 5.0	203 x 152 x 127
ARK1086CHSSL	ARK1086CHSSLT	1/2, 3/4, 1/2	10.0 x 8.0 x 6.0	254 x 203 x 152
ARK12106CHSSL	ARK12106CHSSLT	1/2, 3/4, 1/2, 3/4	12.0 x 10.0 x 6.0	305 x 254 x 152
ARK14127CHSSL	ARK14127CHSSLT	1/2, 3/4, 3/4, 3/4, 1/2	14.0 x 12.0 x 7.0	356 x 305 x 178

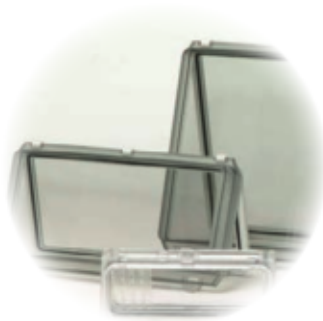
CUSTOMIZATION

All Fibox ARCA enclosures can be customized to meet your requirements. Sophisticated CNC machinery can fabricate enclosures with holes, cutouts, recesses, and more. With custom colors available and all the standard hardware accessories you might need Fibox can easily customize your enclosure and make it unique to your application.

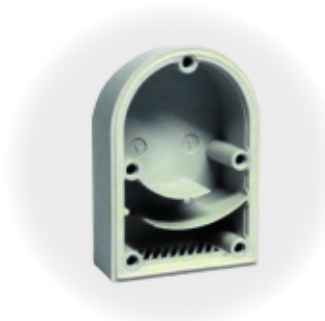
When a custom enclosure is required, you can count on the expertise of Fibox to design and produce the highest quality product to protect your investment



Wide selection of plastic and membrane glands



Inspection windows



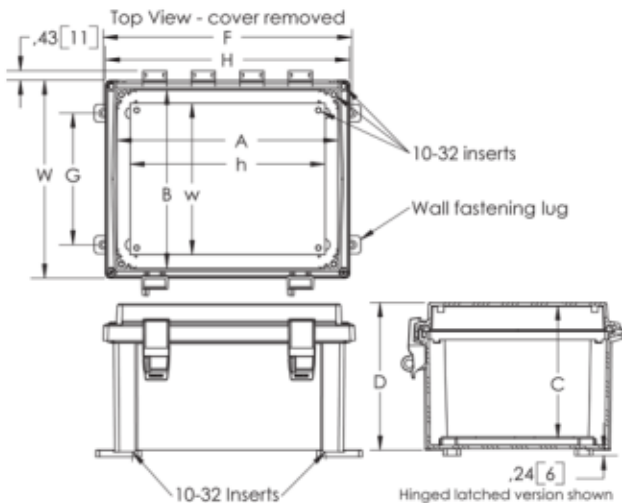
Ventilation devices



Fibox accessories can be fitted to most enclosures and cabinets

DRAWINGS

TECHNICAL INFORMATION



Property

Environmental ingress	UL Type 4, 4X, 6, 6P, 12 and 13
Impact resistance	Impact rating per UL 508 / UL 50
NRTL Listing	Underwriters Laboratories UL, cUL Listed under UL 508
Temperature Range: °Celsius	-40° . . +140°C
Short term °Fahrenheit	-40° . . +284°F
Temperature Range: °Celsius	-40° . . +80°C
Long term °Fahrenheit	-40° . . +175°F
Electrical insulation	Totally insulated
Color	RAL 7035 - Light gray
Cover screws and hardware	10-32, stainless steel
Accessory mounting screws	10-32, stainless steel
Gasket	Formed in place polyurethane (PUR)
Flammability rating	Enclosure flammability rating per UL 508
Toxicity	Non-Toxic, halogen free, RoHS compliant

Data subject to change without notice.

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