FIBOX
Enclosing innovations

ARCA IEC

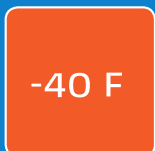| NEMA 4X | -40 F | 175 F | | | | | |

ARCA IEC

Superior performance and security in the most demanding of environments. Quick to install, the ARCA IEC provides an easy upgrade to the 21st century. More than just a cost effective alternative to sheet steel cabinets, ARCA IEC has all the features of steel plus the benefits of high impact resistant polycarbonate. The robust and innovative design features a lockable inner door and DIN-rail frame sets both of which do not require additional tools for mounting. ARCA IEC also features several locking choices, variable depth options for internal plates and a multitude of accessories.

Dimensions	Order Symbol			
L x W X D	Opaque Cover Double-Bit Lock	Window Cover Double-Bit Lock	Opaque Cover Swing Handle	Window Cover Swing Handle
7.87 x 11.81 x 5.9 200 x 300 x 150	ARCA 203015	ARCA 203015W	Not Available	Not Available
11.81 x 7.87 x 5.9 300 x 200 x 150	ARCA 302015	ARCA 302015W	Not Available	Not Available
11.81 x 15.78 x 5.9 300 x 400 x 150	ARCA 304015	ARCA 304015W	Not Available	Not Available
11.81 x 15.78 x 8.26 300 x 400 x 210	ARCA 304021	ARCA 304021W	ARCA 304021S	ARCA 304021SW
15.75 x 11.81 x 5.9 400 x 300 x 150	ARCA 403015	ARCA 403015W	ARCA 403015S	ARCA 403015SW
15.75 x 11.81 x 8.27 400 x 300 x 210	ARCA 403021	ARCA 403021W	ARCA 403021S	ARCA 403021SW
15.74 x 19.68 x 8.26 400 x 500 x 210	ARCA 405021	ARCA 405021W	ARCA 405021S	ARCA 405021SW
15.74 x 23.62 x 8.26 400 x 600 x 210	ARCA 406021	ARCA 406021W	ARCA 406021S	ARCA 406021SW
19.68 x 15.75 x 8.27 500 x 400 x 210	ARCA 504021	ARCA 504021W	ARCA 504021S	ARCA 504021SW
19.68 x 27.55 x 11.81 500 x 700 x 300	ARCA 507030	ARCA 507030W	ARCA 507030S	ARCA 507030SW
23.62 x 15.75 x 8.27 600 x 400 x 210	ARCA604021	ARCA 604021W	ARCA 604021S	ARCA 604021SW
23.62 x 31.49 x 11.81 600 x 800 x 300	ARCA 608030	ARCA 608030W	ARCA 608030S	ARCA 608030SW
27.55 x 19.68 x 11.81 700 x 500 x 300	ARCA 705030	ARCA 705030W	ARCA 705030S	ARCA 705030SW
31.49 x 23.62 x 11.81 800 x 600 x 300	ARCA 806030	ARCA 806030W	ARCA 806030S	ARCA 806030SW

Patent pending hinge design
- Easy assembly and refined appearance

Sloped base design
- Greater water resistance

Mounting pods
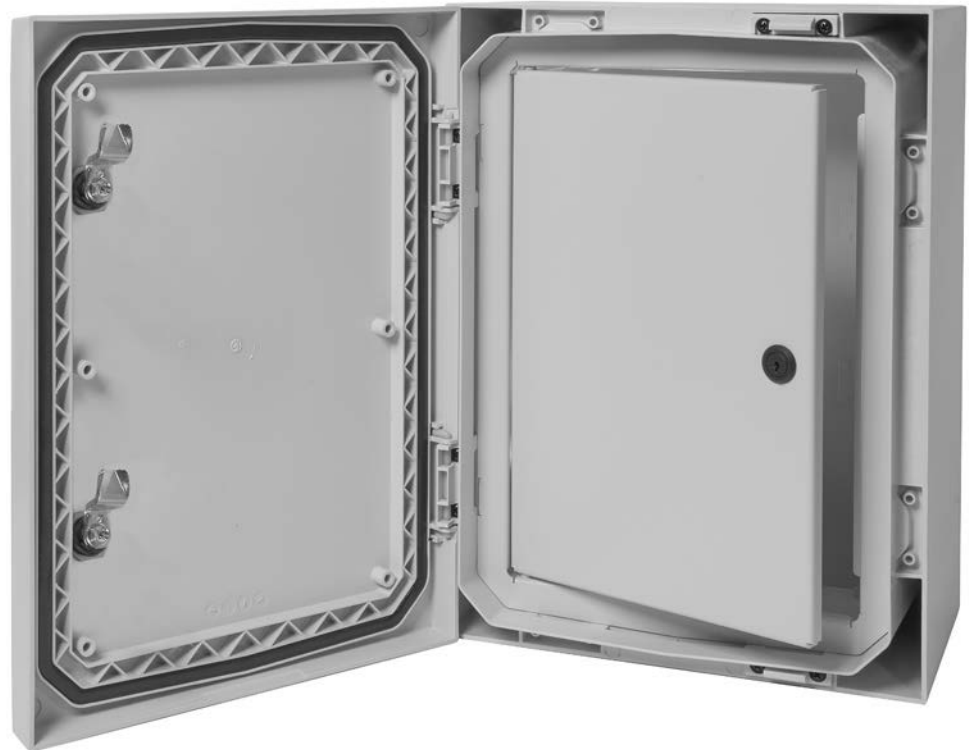- On the base, cover and four base sides

Locking
- Double-bit
- Changeable lock inserts

Gasket
- Oversized formed in place seamless PUR gasket

Molded rib design
- Molded rib design for increased strength and gasket protection

PC:

UL Type 4 and 4X**
IP 66
IK10
UV Protected

Inner door available
- No tools needed for installation
- Lockable
- Patent pending

Corner design
- Double corner allows secure mounting outside gasket area
- Robust and rigid cabinet

Door
- Door Opening 120 Degrees
- Both horizontal and vertical hinge option
- Molded mounting pods inside
- Viewing Windows available
- Easy access to the contents
- Door stop available

ARCA IEC ACCESSORIES

MOUNTING PLATES		CORNER ADJSTMENT SETS	
MPS ARCA	GALVANIZED STEEL 2 MM THICK (STANDARD)	CBS ARCA 15	FOR SIZES WITH DEPTH 150
MPX ARCA	Resin Bonded Paper Board 5 MM Thick	CBS ARCA 21	FOR SIZES WITH DEPTH 210
MPP ARCA	PERFORATED GALVANIZED STEEL 2 MM THICK	CBS ARCA 30	FOR SIZES WITH DEPTH 300
WALL MOUNTING LUGS SETS		LOCKING OPTIONS:	
WMK ARCA 10	ADDS 10 MM BETWEEN WALL AND CABINET	LIS ARCA	LOCKING INSERT DOUBLE-BIT 3MM
WMK ARCA 40	ADDS 40 MM BETWEEN WALL AND CABINET	CLI ARCA	HALF CYLINDER LOCKING DOUBLE-BIT 3MM
DIN RAIL FRAME SETS		INNER DOOR SET,	
DRS ARCA	4 CORNER ADJUSTMENT BRACKETS, 2 METAL BARS, 2 DIN RAILS, FRONT PLATE	IDP ARCA	GALVANIZED STEEL

CUSTOMIZATION

All Fibox ARCA IEC 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 enclose your innovations.

Technical information

Property	Polycarbonate (PC)
Material	Glass fiber reinforced polycarbonate
Environmental ingress	UL Type 4** and 4X**
Impact Resistance (EN 62262)	IK10 +35° C/ IK 09 -25 ° C
Temperature Range Celsius	-40°...+80°C
(continuous) Fahrenheit	-40°...+175°F
Temperature Range Celsius	-40°...+120°C
(short term) Fahrenheit	-40°...+245°F
Electrical Insulation	Totally Insulated
Color	RAL 7035 Industry Gray
Gasket	Formed in place PUR
Glow Wire Test (IEC 695-2-1) Self-extinguishing (PC)	960°C
Non-toxicity	Halogen Free
UV Resistance	Complies with UL 508
Chemical Resistance*	Good

Conformity to Standards

- N/IEC 62208, EN/IEC 61439-1-4

- RoHS directive 2011/65/EU

- Low Voltage Directive 2006/95/EC (up to 1500 VCD)

Data subject to change without notice.
* Consult separate raw material data for more detailed information
** UL listing pending for 700 and larger units.