

FIBOX

Enclosing innovations

ARCA



NEMA
4X

-40 F

175 F



ARCA

Driven by innovation and market demand the ARCA is the ideal and cost-effective alternative to sheet steel cabinets or fiberglass enclosures needed in harsh environments.

Only Fibox offers the industry the largest UL listed, NEMA 4X polycarbonate enclosure in the world. The ARCA has the strength of a metal box and the benefits of a plastic enclosure.

Available in both landscape and portrait orientation, the ARCA cabinet series provides high impact and UV resistance. These watertight polycarbonate enclosures will not dent, crack or bloom like steel or fiberglass.

The ARCA also weighs considerably less and is easier to modify than its metal or fiberglass counterparts, saving both time and money.

The ARCA is manufactured in Fibox's Wi-Fi friendly polycarbonate, a robust, corrosion proof thermoplastic that will never rust.

Your components stay dry and dust free thanks to the formed in place PUR gasket which makes a watertight seal.

These are just a few of the reasons the ARCA is the ideal NEMA 4X cabinet enclosure for any application.

Fibox proudly offers all the standard accessories you'll need for the ARCA and can customize your selection with holes, cut-outs and recess.



Polycarbonate:

UL Type 4 & 4X

IP 66

IK 10

UV - Protected

Order Symbol	Dimensions	Description
ARCA 203015 NO-MP	7.87 x 11.81 x 5.9 inches	Opaque Hinged Lockable Cover
ARCA 302015 NO-MP	11.81 x 7.87 x 5.9 inches	Opaque Hinged Lockable Cover
ARCA 304015 NO-MP	11.81 x 15.75 x 5.9 inches	Opaque Hinged Lockable Cover
ARCA 304021 NO-MP	11.81 x 15.75 x 8.26 inches	Opaque Hinged Lockable Cover
ARCA 403015 NO-MP	15.75 x 11.81 x 5.9 inches	Opaque Hinged Lockable Cover
ARCA 403021 NO-MP	15.75 x 11.81 x 8.26 inches	Opaque Hinged Lockable Cover
ARCA 405021 NO-MP	15.75 x 19.68 x 8.26 inches	Opaque Hinged Lockable Cover
ARCA 406021 NO-MP	15.75 x 23.62 x 8.26 inches	Opaque Hinged Lockable Cover
ARCA 504021 NO-MP	19.68 x 15.75 x 8.26 inches	Opaque Hinged Lockable Cover
ARCA 507030 NO-MP	19.68 x 27.55 x 11.81 inches	Opaque Hinged Lockable Cover
ARCA 604021 NO-MP	23.62 x 15.75 x 8.26 inches	Opaque Hinged Lockable Cover
ARCA 608030 NO-MP	23.62 x 31.49 x 11.81 inches	Opaque Hinged Lockable Cover
ARCA 705030 NO-MP	27.55 x 19.68 x 11.81 inches	Opaque Hinged Lockable Cover
ARCA 806030 NO-MP	31.49 x 23.62 x 11.81 inches	Opaque Hinged Lockable Cover

Mounting pods

- On the base, cover and four base sides



Sloped base design

- Greater water resistance

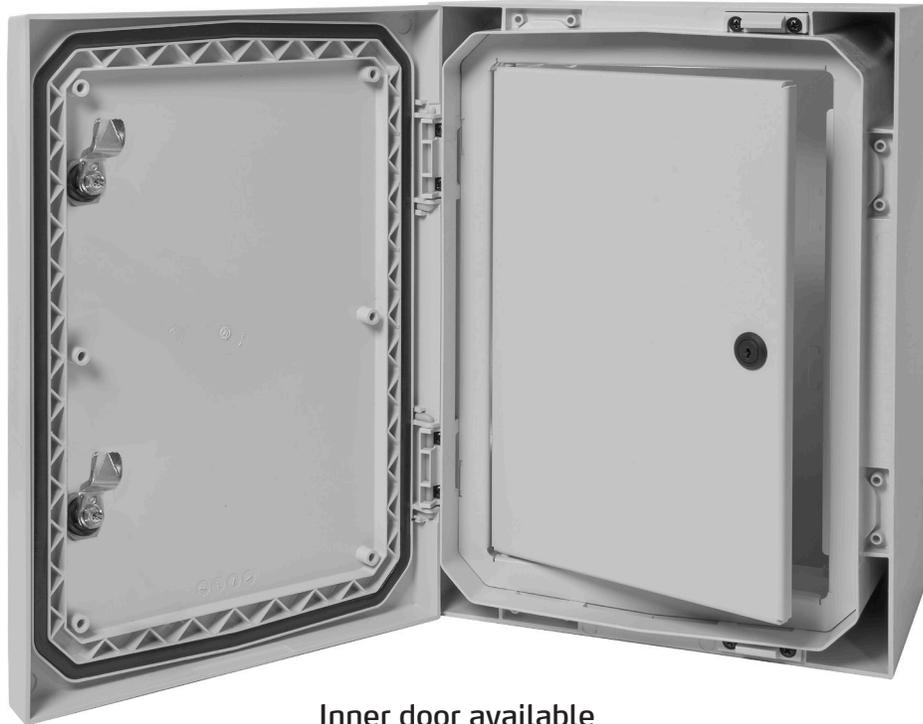


Locking

- Double-bit
- Changeable lock inserts
- 2 point Pad-lockable swing handle

Patent pending hinge design

- Easy assembly and refined appearance



Molded rib design

- Increased strength and gasket protection



Inner door available

- No tools needed for installation
- Lockable
- Patent pending

Corner design

- Double corner allows secure mounting outside gasket area

Gasket

- Oversized formed in place PUR gasket

Cover

- Front cover opens 120°
- Portrait or landscape orientation
- Door stop available



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Customization services

All Fibox ARCA enclosures can be customized to meet your specifications. Sophisticated CNC machinery can fabricate your enclosures with holes, cutouts, recesses, and more. Enclosures are available with custom colors, while text and graphics can be Laser Screen Printed with picture-perfect quality. Fibox stocks all standard accessories and can quickly install them, giving you a ready-made solution right out of the box.

ARCA accessories

Back Panel					
Panel Size		Steel Panel Order Code	Plastic Panel Order Code	Aluminium Panel Order Code	
10 x 6 inches		MPS ARCA 3020	MPSP ARCA 3020	MPSA ARCA 3020	
14 x 10 inches		MPS ARCA 4030	MPSP ARCA 4030	MPSA ARCA 4030	
18 x 14 inches		MPS ARCA 5040	MPSP ARCA 5040	MPSA ARCA 5040	
22 x 14 inches		MPS ARCA 6040	MPSP ARCA 6040	MPSA ARCA 6040	
26 x 18 inches		MPS ARCA 7050	MPSP ARCA 7050	MPSA ARCA 7050	
30 x 22 inches		MPS ARCA 8060	MPSP ARCA 8060	MPSA ARCA 8060	

Adjustable Depth Kits*		DIN Rail Frame Sets*		Inner Door Sets	
CBS ARCA 15	Adjust depth of back panel/din rail frame	DRS ARCA 203015	DRS ARCA 504021	IDS ARCA 2030	IDS ARCA 5040
CBS ARCA 21	Adjust depth of back panel/din rail frame	DRS ARCA 302015	DRS ARCA 507030	IDS ARCA 3020	IDS ARCA 5070
CBS ARCA 30	Adjust depth of back panel/din rail frame	DRS ARCA 304021	DRS ARCA 604021	IDS ARCA 3040	IDS ARCA 6040
		DRS ARCA 403015	DRS ARCA 608030	IDS ARCA 4030	IDS ARCA 7050
Wall Mount Lug Sets		DRS ARCA 403021	DRS ARCA 705030	IDS ARCA 4050	IDS ARCA 8060
WMK ARCA 10	Adds 0.4 inches between wall & cabinet	DRS ARCA 405021	DRS ARCA 806030	IDS ARCA 4060	
WMK ARCA 40	Adds 1.6 inches between wall & cabinet	DRS ARCA 406021			

* Adjustable Depth Kits included with DIN rail frame sets (DRS)

Technical Information

Property	Polycarbonate (PC)
Environmental ingress	UL Type 4 and 4X
Impact resistance (EN 62262)	IK10 +35°C / IK09 -25°C
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	Fully insulated
Color	RAL 7035 - Light gray
Gasket	Formed in place polyurethane (PUR)
Glow Wire Test (IEC 695-2-1) Self-extinguishing (PC)	960°
Flammability rating	Enclosure flammability rating per UL 508
Toxicity	Non-Toxic, halogen free, RoHS compliant
UV Resistance	Complies with UL 508
Chemical Resistance	Good

Conformity of Standard

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

RoHS directive 2001/65/EU

Low-voltage Directive 2006/95/EC (p to 1500 VCD EN 62208:200

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