CAP-VIZ Series

The High Impact and Heat Resistant Clear Viewing Pane

The clear viewing pane window from IRISS is offered in 6", 12", and 24" sizes and comes with or without the cover. The load resistant, window is made from glass fiber reinforced, Makrolon® polycarbonate that is an amorphous, thermoplastic molding compound.

Makrolon is noted for its high light transmission, high heat resistance, high toughness, high creep modulus, high dimensional stability and good electrical insulation properties.

The high, rigidity clear viewing pane carries the same certifications as the IRISS IR windows including UL, cUL, CSA, ABS, Lloyd's of London and ANSI.

Protected by our unconditional lifetime warranty

Specifications

Materials	
Window Housing and Cover	Standard product constructed of aluminum; custom materials available
Gaskets	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Hardware	316 stainless steel
Makrolon	UL 94 V-0 rating at 0.060" & UL 94 5VA rating at 0.118"

Other	
Heat Deflection Temperature	270°F at 264 psi to 280°F at 66 psi
Water and Dust Ingress	IP65 / NEMA 4: closed and when in use

Dimensions

Model	Window Dimensions	Overall Dimensions
CAP-VIZ-6, CAP-C-VIZ-6	A= 9.1 cm (3.6 in), B= 15 cm (5.9 in)	C= 16 cm (6.3 in), D= 21.8 cm (8.6 in)
CAP-VIZ-12, CAP-C-VIZ-12	A= 23.6 cm (9.3 in), B= 12.7 cm (5.0 in)	C= 30.5 cm (12.0 in), D= 20.6 cm (8.1 in)
CAP-VIZ-24, CAP-C-VIZ-24	A= 53 cm (20.9 in), B= 15 cm (5.9 in)	C= 61 cm (24.0 in), D= 21.8 cm (8.6 in)

Caution: The dimensions listed above are not installation dimensions. Do NOT cut prior to receiving your IRISS window and installation template.

CAP-VIZ Series Feature:

- Durable, fully impact-resistant
- Proven compatibility with acids, alkalis, UV, moisture, humidity, vibration and high frequency noise
- Optional cover with locking catches
- Customizable; if you don't see what you need in the standard offering you can configure:
  - Housing Materials
  - Gaskets
  - Locking Devices
  - Labeling
  - Color
- Fitting templates and instructions included

Components Certified:

- Certified by UL (USA) & cUL (Canada) to the following standards:
  - 50V
  - 50E
  - 746C: Impact and Flammability
  - 1558: Impact and Load Resistance
  - 508A; ANSI 508A
- IEEE C37 20.2.a.3.6: Impact and Load
- IP65 / NEMA 4
- Lloyds of London Type Approval
- American Bureau of Shipping (ABS)
- BSI Quality ISO 9001 Certified System
- CSA C22.2 No. 14-13
- DNV (Det Norske Veritas) P261.1E Maritime, Vessel and Offshore Applications

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