

## Vynckier Fiberglass Enclosures

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Vynckier **Fiberglass Enclosures** insulate and house electrical connections and electronic components, instruments or controls in highly corrosive environments, protecting equipment from dirt, dust, oil and water. Suited for indoor and outdoor applications and for use in corrosive environments and high temperature conditions.

All enclosures are UL Listed, CSA Certified, and meet National Electric Manufacturers Association NEMA Type 4X specs.

**VJ Series Opaque Cover Enclosures** feature riveted stainless steel piano hinges and one or two stainless steel padlockable quick release latches.



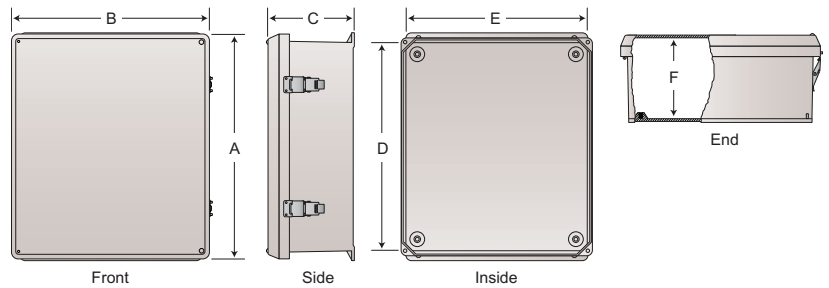
### Features

- Maintenance free and corrosion resistant
- One piece body construction
- Molded-on mounting flanges increase strength, corner ribs reinforce cover
- Seamless poured polyurethane gasket provides oil-resistant, watertight and dust-tight seal
- Cover screw holes in corners are outside of the gasketed area
- Made from light gray, hot compression molded, halogen-free, self extinguishing fiberglass reinforced polyester
- Enclosures can withstand continuous temperatures from -58°F to 302°F (-50°C to 150°C) and momentary exposure to temperatures up to 392°F (200°C)
- Includes UL/CSA label and 4 threaded inserts for mounting
- Readily modified with conventional tools

### VJ Series Hinged Opaque Cover Enclosures

6" X 6" to 20" X 16"

Part Number	Nom. Size	A Outside Height	B Outside Width	C Outside Depth	D Inside Height	E Inside Width	F Inside Depth	Weight (pounds)	Number of Latches
VJ606HWPL1	6 x 6	7.31	7.31	4.96	6.0	6.0	4.1	2.8	1
VJ806HWPL1	8 x 6	9.30	7.31	4.96	8.0	6.0	4.1	3.8	1
VJ1008HWPL1	10 x 8	11.31	9.30	5.43	10.0	8.0	4.69	4.8	1
VJ1210HWPL2	12 x 10	13.30	11.31	5.58	12.0	10.0	4.84	6.3	2
VJ1412HWPL2	14 x 12	15.32	13.30	6.70	14.0	12.0	5.82	8.6	2
VJ1614HWPL2	16 x 14	17.31	15.32	6.70	16.0	14.0	5.82	10.6	2
VJ1816HWPL2	18 x 16	19.31	17.31	9.58	18.0	16.0	8.69	14.0	2
VJ2016HWPL2	20 x 16	21.32	17.32	11.51	19.84	15.84	11.05	19.75	2



### Standards



- Meets US Joint Industrial Council (JIC) standards
- IEC 60529 (IP66), IEC 60439-1, IEC 50298
- EN 60529 (IP66), EN 60439-1, EN 50298

### Approvals

- UL 508 NEMA 3, 3R, 4, 4X, 12 & 13
- CSA 3, 3R, 4, 4X, 12 & 13

### Aluminum Back Panels for VJ Series

.080" material thickness

Part Number	Panel Size	Enclosure Size
MP606A	4.88 x 4.88	6 x 6
MP806A	6.75 x 4.88	8 x 6
MP1008A	8.75 x 6.88	10 x 8
MP1210A	10.75 x 8.88	12 x 10
MP1412A	12.75 x 10.88	14 x 12
MP1614A	14.75 x 12.88	16 x 14
MP1816A	16.75 x 14.88	18 x 16
MP2016A	18.75 x 14.88	20 x 16



Use with all VJ Series enclosure styles





## VJ Series

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Opaque Cover



Raised Opaque Cover



Bonded Window Cover



Corner Screw Cover

FIBERGLASS ENCLOSURES

### VJ Series Raised Opaque Cover Style

10" X 8" to 18" X 16"

Part Number	Nom. Size	A Outside Height	B Outside Width	C Outside Depth	D Inside Height	E Inside Width	F Inside Depth	Weight (pounds)	Number of Latches
RVJ1008HWPL1	10 x 8	11.31	9.30	6.93	10.0	8.0	6.18	4.9	1
RVJ1210HWPL2	12 x 10	13.30	11.31	7.10	12.0	10.0	4.84	6.5	2
RVJ1412HWPL2	14 x 12	15.32	13.30	8.19	14.0	12.0	5.82	8.8	2
RVJ1614HWPL2	16 x 14	17.31	15.32	8.19	16.0	14.0	5.82	10.8	2
RVJ1816HWPL2	18 x 16	19.31	17.31	11.08	18.0	16.0	8.69	14.3	2

### VJ Series Raised Opaque Cover Enclosures

add additional depth to the cover for more room inside the box. Enclosures feature riveted stainless steel piano hinges and one or two stainless steel padlockable quick release latches.

### VJ Series Bonded Window Style

6" X 6" to 20" X 16"

Part Number	Nom. Size	A Outside Height	B Outside Width	C Outside Depth	D Inside Height	E Inside Width	F Inside Depth	Weight (pounds)	Number of Latches
VJB606HWPL1	6 x 6	7.31	7.31	4.96	6.0	6.0	4.1	2.8	1
VJB806HWPL1	8 x 6	9.30	7.31	4.96	8.0	6.0	4.1	3.8	1
VJB1008HWPL1	10 x 8	11.31	9.30	5.43	10.0	8.0	4.69	4.8	1
VJB1210HWPL2	12 x 10	13.30	11.31	5.58	12.0	10.0	4.84	6.3	2
VJB1412HWPL2	14 x 12	15.32	13.30	6.70	14.0	12.0	5.82	8.6	2
VJB1614HWPL2	16 x 14	17.31	15.32	6.70	16.0	14.0	5.82	10.6	2
VJB1816HWPL2	18 x 16	19.31	17.31	9.58	18.0	16.0	8.69	14.0	2
VJB2016HWPL2	20 x 16	21.32	17.32	11.51	19.84	15.84	11.05	19.75	2

### VJ Series Bonded Window Enclosures

feature a transparent bonded LEXAN® inspection window in the cover. Enclosures feature riveted stainless steel piano hinges and one or two stainless steel padlockable quick release latches.

### VJ Series Corner Screw Opaque Cover Enclosures

6" X 6" to 20" X 16"

Part Number	Nom. Size	A Outside Height	B Outside Width	C Outside Depth	D Inside Height	E Inside Width	F Inside Depth	Weight (pounds)	Number of Latches
VJ606W	6 x 6	7.31	7.31	4.96	6.0	6.0	4.1	2.8	0
VJ806W	8 x 6	9.30	7.31	4.96	8.0	6.0	4.1	6.5	0
VJ1008W	10 x 8	11.31	9.30	5.43	10.0	8.0	4.69	4.8	0
VJ1210W	12 x 10	13.30	11.31	5.58	12.0	10.0	4.84	6.3	0
VJ1412W	14 x 12	15.32	13.30	6.70	14.0	12.0	5.82	8.6	0
VJ1614W	16 x 14	17.31	15.32	6.70	16.0	14.0	5.82	10.6	0
VJ1816W	18 x 16	19.31	17.31	9.58	18.0	16.0	8.69	14.0	0
VJ2016W	20 x 16	21.32	17.32	11.51	19.84	15.84	11.05	19.75	0

### VJ Series Corner Screw Opaque Cover Enclosures

have a cover that is secured with four stainless steel captive corner screws by means of threaded brass inserts incorporated into the base. Latchless enclosures provide optimum security to both operators and equipment with double insulation and protection degree IP66-11 according to IEC 529.



## VM Series Transparent Cover

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**VM Series Transparent Cover Enclosures** are designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and pushbutton housings in wet, dusty and corrosive environments. Transparent cover and four non-metallic corner screws included.

### Features

- Light gray, impact and corrosive resistant VALOX® 357U crystalline thermoplastic polyester bases.
- Transparent LEXAN® Polyurethane covers
- Molded internal bosses for back panel mounting of components or DIN rails.
- Seamless poured polyurethane tongue and groove gasket provides a tight, oil resistant, watertight and dust tight seal
- Knockouts in base
- VALOX® material is easily punched, drilled, sawed, or filed
- VALOX® is engineered for demanding end-use environments.

### Standards



- ASTM D 648 up to 280°F (138°C) heat deflection temperature
- Protection degree: IP66 (IEC 529)

### Approvals

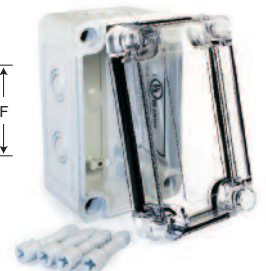
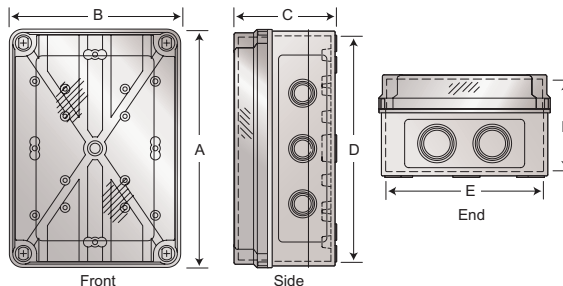
- UL Listed types: 4, 4X, 3, 3R, 12 & 13
- CSA Listed types: 4, 4X, 3, 3R, 12 & 13

*Opaque Cover and Pushbutton style enclosures, along with additional sizes and configurations available by special order*

### VM Series Transparent Cover Enclosures

5" X 3" to 7" X 7"

Part Number	Nom. Size	A Outside Height	B Outside Width	C Outside Depth	D Inside Height	E Inside Width	F Inside Depth
VM533CTK	5x3x3	5.03	3.06	3.02	4.69	2.61	2.72
VM553CTK	5x5x3	5.03	5.03	3.02	4.69	4.69	2.72
VM753CTK	7x5x3	7	5.03	3.02	6.65	4.69	2.72
VM755CTK	7x5x5	7	5.03	5.02	6.65	4.69	4.72
VM773CTK	7x7x3	7	7	3.02	6.65	6.65	2.72
VM775CTK	7x7x5	7	7	5.02	6.65	6.65	4.72



### Aluminum Back Panels for VM Series

.080" material thickness

Back Panel Part Number	Panel Size	Short DIN-Rail Part Number*	Long DIN-Rail Part Number*	VM Enclosure Nom. Size
VMBP53A	4.21 x 2.25	DRS53	DRL53	5x3
VMBP55A	4.215 x 4.21	DRS55	DRL55	5x5
VMBP75A	6.18 x 4.21	DRS57	DRL57	7x5
VMBP77A	6.18 x 6.18	DRS77	DRL77	7x7

\*Special Order





## ARIA Series

**CALL TO ORDER**

### ARIA Series Industrial Wall Mount Enclosures

feature a contoured body that provides an attractive, contemporary appearance. These enclosures can be used as insulated electrical junction boxes, terminal wiring boxes, instrument housings and control housings in wet, dusty and corrosive environments. Ideal for high performance applications in heavy industry such as mining sites, lumber production, refineries, breweries, waste-water treatment, public lighting, remote traffic control, and offshore oil.

#### Features

- Cabinets are made of light gray (RAL 7035) hot compression molded fiberglass reinforced polyester
- Enclosures are self-extinguishing, halogen-free, maintenance free and corrosion resistant
- Internal three-point closing system with one-point entry
- 2 padlockable latches
- Furnished with four threaded studs and bolts for mounting plate or mounting frame installation
- Enclosure provides double insulation and a protection degree of IP66-9 following IEC 529 and CENELEC EN 60529 UL/CSA Listed NEMA 4X
- Temperature resistance: -58°F to 302°F (-50°C to 150°C), momentary to 392°F (200°C)
- Door bosses for front panel mounts
- Easy to install hinged aluminum front panel
- Seamless polyurethane gasket in molded door edge channel
- Patented door-lifter ensures the door takes its center position during closing
- Self-adhesive rain-shield included as a standard accessory with each cabinet
- Easily modified with conventional tools such as drills, milling equipment, saws, or punches

#### Standards

- Protection degree: IP66 (IEC 529)
- IEC 60439-1 and 60529
- EN 60439-1, 60529 and 50298

#### Approvals

- UL Listed types: 4, 4X, 3, 3R, 12 & 13
- CSA Listed types: 4, 4X, 3, 3R, 12 & 13
- AS 3132 - 1991



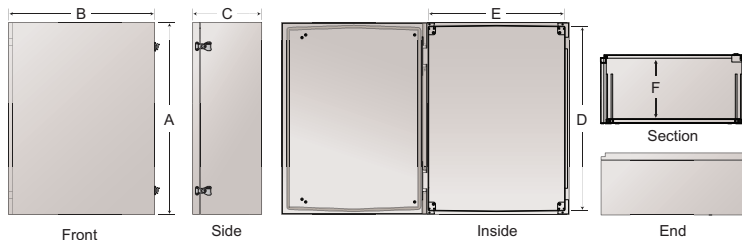
-50°C TO 150°C



### ARIA Series Fiberglass Enclosures

28" X 20" to 33" X 25"

Part Number	Nom. Size	A Outside Height	B Outside Width	C Outside Depth	D Inside Height	E Inside Width	F Inside Depth	Weight (pounds)
AN2820PL	28x20	28.94	21.06	10.63	26.57	18.5	9.68	26.23
AN3325PL	33x25	32.87	25	11.81	30.51	22.44	10.86	35.76
<b>Part Number with Bonded Window</b> (UL Listed for Type 4x; UL file #E54315)								
ANB2820PL	28x20	28.94	21.06	10.63	26.57	18.5	9.68	26.23
ANB3325PL	33x25	32.87	25	11.81	30.51	22.44	10.86	35.76



### Aluminum Back Panels for Aria Series

.080" material thickness

Part Number	Panel Size	Use with ARIA Enclosure:
ABP2820A	25.98x17.72	AN2820PL / ANB2820PL
ABP3325A	29.53x21.65	AN3325PL / ANB3325PL

**Additional ARIA Series enclosure sizes and configurations available by special order**

