

VJ Series

configuration options and specifications

\* **Prefix**  
**VJ:** Flat opaque cover  
**RVJ:** Raised opaque cover  
**CVJ:** Flat cover with clearview window  
**VJB:** Flat cover with bonded window  
**RVJB:** Raised cover with bonded window

\*\* **Suffix**  
**W:** Stainless steel corner screws  
**HW:** Stainless steel continuous hinge and stainless steel corner screws  
**HWPL:** Stainless steel continuous hinge and stainless steel padlockable latch(es)  
**HWLL:** Stainless steel continuous hinge and stainless steel hinge latch(es)  
**NHW:** Non-metallic hinges and stainless steel corner screws  
**NHWPL:** Non-metallic hinges and stainless steel padlockable latch(es)  
**NHWLL:** Non-metallic hinges and stainless steel twist latch(es)

- Features**
- All VJ enclosures were designed to meet the Joint Industrial Council (JIC) standards in the United States.
  - Enclosures are maintenance free and corrosion resistant.
  - Bases and opaque covers are made from hot compression molded halogen free, self extinguishing fiberglass reinforced polyester (FRP) that 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).
  - RAL 7035 light-gray finish inside and out.
  - Overlapping cover design ensures a secure seal by eliminating gasket exposure.
  - Mounting flanges are molded at the rear of the enclosure body, which increases strength.
  - Corner ribs are present in the enclosure cover to reinforce strength.
  - Cover gasket is made from continuously poured, polyurethane foam.
  - Window solutions utilize a transparent Lexan polycarbonate insert, 1/4-in thick.
  - All enclosures can be easily modified to customer specifications.

**Applications**  
VJ enclosures are designed for use as electrical junction boxes in highly corrosive environments and provide protection for equipment and operators from indirect electrical contact.

**Approvals**  
UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315  
cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315  
Enclosure flammability per UL 508A

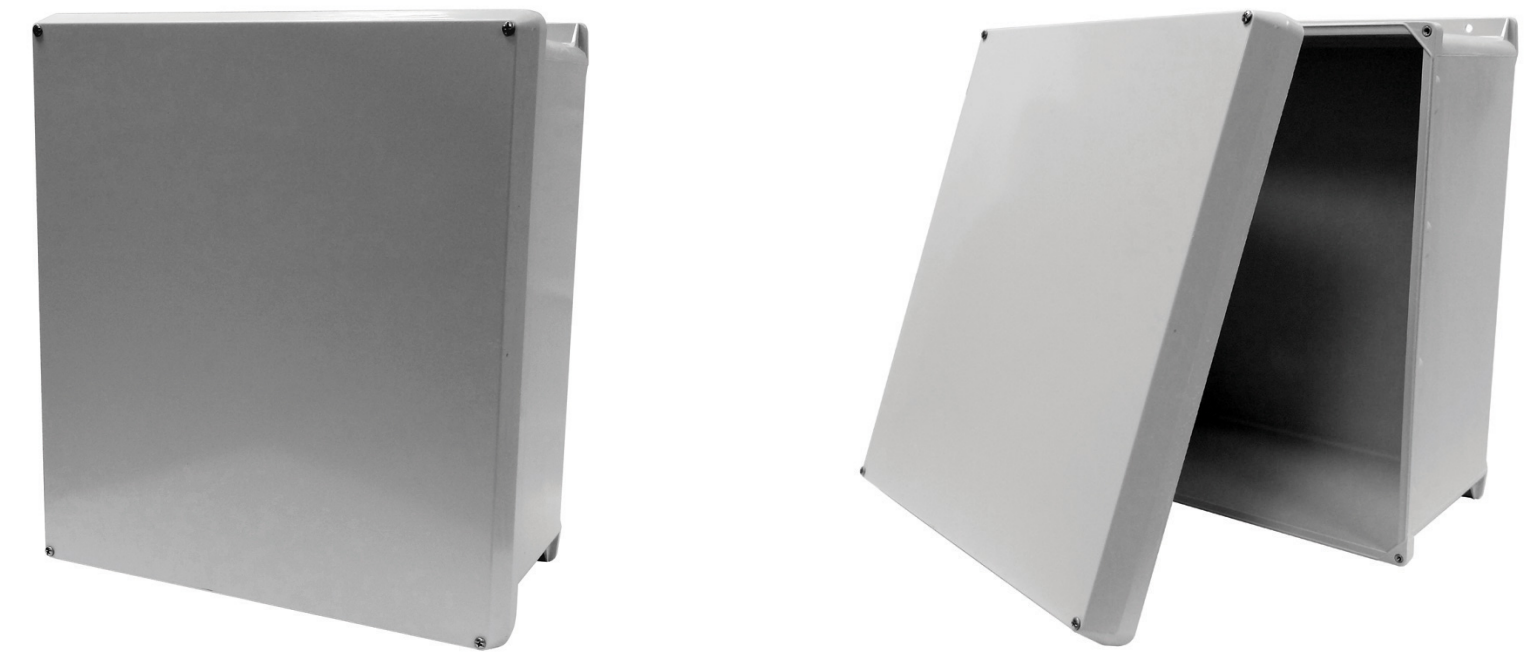
NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13  
CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13, IEC 60529, IP66  
Meets NEMA Type 3RX requirements



|                                        |    |
|----------------------------------------|----|
| Opaque Cover Enclosures (VJ)           | 3  |
| Raised Cover Enclosures (RVJ)          | 5  |
| Clearview Cover Enclosures (CVJ)       | 7  |
| Bonded Window Cover Enclosures (VJB)   | 9  |
| Raised Cover with Bonded Window (RVJB) | 11 |
| Window Kits                            | 13 |
| Back Plates                            | 14 |
| Front Plates                           | 15 |
| Accessories                            | 16 |

Configurations

- W:** Stainless steel corner screws  
**HW:** Stainless steel continuous hinge and stainless steel corner screws  
**HWPL:** Stainless steel continuous hinge and stainless steel padlockable latch(es)  
**HWLL:** Stainless steel continuous hinge and stainless steel hinge latch(es)  
**NHW:** Non-metallic hinges and stainless steel corner screws  
**NHWPL:** Non-metallic hinges and stainless steel padlockable latch(es)  
**NHWLL:** Non-metallic hinges and stainless steel twist latch(es)



| Part Number                                                                             | Exterior Dimensions                     | Interior Dimensions               | Weight        | Back Plate                                 | Front Plate  |
|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------|---------------|--------------------------------------------|--------------|
|                                                                                         | H x W x D Inches<br>(mm)                | H x W x D Inches<br>(mm)          | Lbs<br>(kg)   | A: Aluminum<br>S: Steel<br>N: Non-Metallic | A: Aluminum  |
| VJ606W<br>VJ606HW<br>VJ606HWPL1<br>VJ606HWLL1<br>VJ606NHW<br>VJ606NHWPL1<br>VJ606NHWLL1 | 7.31 x 7.31 x 4.92<br>(186 x 186 x 125) | 6 x 6 x 4.64<br>(152 x 152 x 118) | 2.8<br>(1.27) | MP606A<br>MP606S<br>MP606N                 | VFPH606A-KIT |
| VJ806W<br>VJ806HW<br>VJ806HWPL1<br>VJ806HWLL1<br>VJ806NHW<br>VJ806NHWPL1<br>VJ806NHWLL1 | 9.31 x 7.31 x 4.92<br>(236 x 186 x 125) | 8 x 6 x 4.64<br>(203 x 152 x 118) | 3.8<br>(1.72) | MP806A<br>MP806S<br>MP806N                 | VFPH806A-KIT |

| Part Number                                                                                    | Exterior Dimensions                        | Interior Dimensions                        | Weight         | Back Plate                                 | Front Plate               |
|------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|----------------|--------------------------------------------|---------------------------|
|                                                                                                | H x W x D Inches<br>(mm)                   | H x W x D Inches<br>(mm)                   | Lbs<br>(kg)    | A: Aluminum<br>S: Steel<br>N: Non-Metallic | A: Aluminum               |
| VJ1008W<br>VJ1008HW<br>VJ1008HWPL1<br>VJ1008HWLL1<br>VJ1008NHW<br>VJ1008NHWPL1<br>VJ1008NHWLL1 | 11.31 x 9.31 x 5.43<br>(287 x 236 x 138)   | 10 x 8 x 5.15<br>(254 x 203 x 131)         | 4.8<br>(2.18)  | MP1008A<br>MP1008S<br>MP1008N              | VFPH1008A-KIT             |
| VJ1210W<br>VJ1210HW<br>VJ1210HWPL2<br>VJ1210HWLL2<br>VJ1210NHW<br>VJ1210NHWPL2<br>VJ1210NHWLL2 | 13.31 x 11.31 x 5.60<br>(338 x 287 x 142)  | 12 x 10 x 5.27<br>(305 x 254 x 134)        | 6.3<br>(2.86)  | MP1210A<br>MP1210S<br>MP1210N              | VFPH1210A-KIT             |
| VJ1412W<br>VJ1412HW<br>VJ1412HWPL2<br>VJ1412HWLL2<br>VJ1412NHW<br>VJ1412NHWPL2<br>VJ1412NHWLL2 | 15.31 x 13.31 x 6.60<br>(389 x 338 x 168)  | 14 x 12 x 6.27<br>(356 x 305 x 159)        | 8.6<br>(3.90)  | MP1412A<br>MP1412S<br>MP1412N              | VFPH1412A-KIT             |
| VJ1614W<br>VJ1614HW<br>VJ1614HWPL2<br>VJ1614HWLL2<br>VJ1614NHW<br>VJ1614NHWPL2<br>VJ1614NHWLL2 | 17.31 x 15.31 x 6.67<br>(440 x 389 x 169)  | 16 x 14 x 6.41<br>(406 x 356 x 163)        | 10.6<br>(4.81) | MP1614A<br>MP1614S<br>MP1614N              | VFPH1614A-KIT             |
| VJ1816W<br>VJ1816HW<br>VJ1816HWPL2<br>VJ1816HWLL2<br>VJ1816NHW<br>VJ1816NHWPL2<br>VJ1816NHWLL2 | 19.31 x 17.31 x 9.58<br>(490 x 440 x 243)  | 18 x 16 x 9.33<br>(457 x 406 x 237)        | 14<br>(6.35)   | MP1816A<br>MP1816S<br>MP1816N              | VFPH1816A-KIT             |
| VJ2016W<br>VJ2016HW<br>VJ2016HWPL2<br>VJ2016HWLL2<br>VJ2016NHW<br>VJ2016NHWPL2<br>VJ2016NHWLL2 | 21.5 x 17.32 x 11.58<br>(546 x 440 x 294)  | 19.92 x 15.92 x 11.12<br>(506 x 404 x 282) | 21<br>(9.5)    | MP2016A<br>MP2016S<br>MP2016N              | VFPH2016A-KIT             |
| VJ3024HWPL<br>(6) PL Latches                                                                   | 31.47 x 25.47 x 11.02<br>(799 x 647 x 280) | 30 x 24 x 10.59<br>(762 x 610 x 269)       | 31<br>(14.1)   | MP3024A<br>MP3024S<br>MP3024N              | BY CUSTOM<br>REQUEST ONLY |