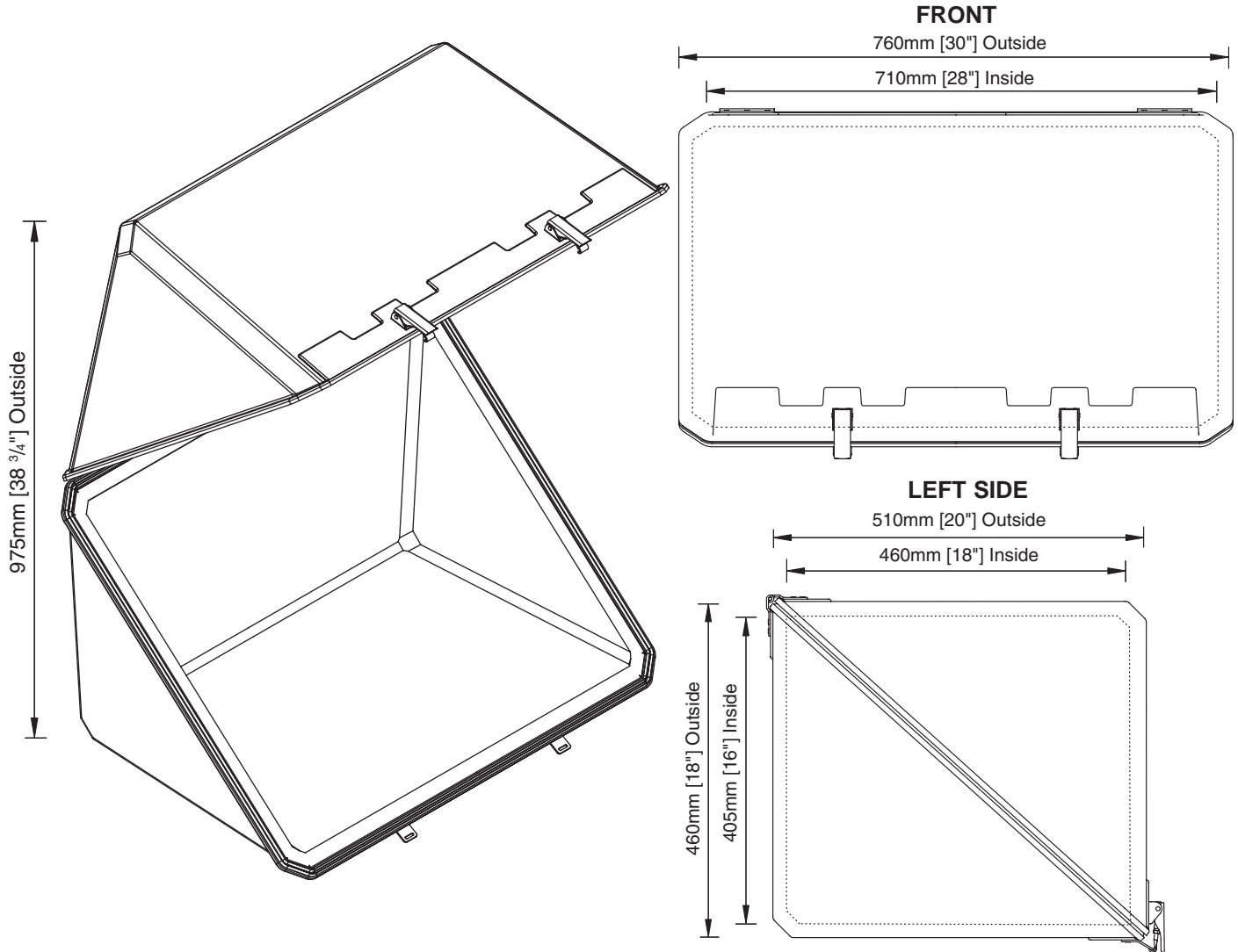




# VIPAK® A705 INSULATED GRP ENCLOSURE

O'Brien VIPAK 700 series are molded glass fiber reinforced polyester enclosures with foamed in place medium density polyurethane insulation. 700 series enclosures combine the durability of glass reinforced polyester with the insulating properties of polyurethane foam to winterize industrial instrumentation in cold climates.



## Specifications

### Materials

Enclosure: Glass Fiber Reinforced Polyester  
Gasket: Neoprene  
Adjustable Latches: Stainless Steel  
Lift-Off Hinges: Stainless Steel

### Net Weight

31.8 Kg (70 lb)

### Shipping Weight

36.9 Kg (81.1 lb)

### Protection Rating

IP65 per EN 50014  
NEMA 4X\*

### Thermal Stability

Ambient Service/Storage Temperature  
Minimum: -60°C (-75°F)  
Maximum: 120°C (250°F)

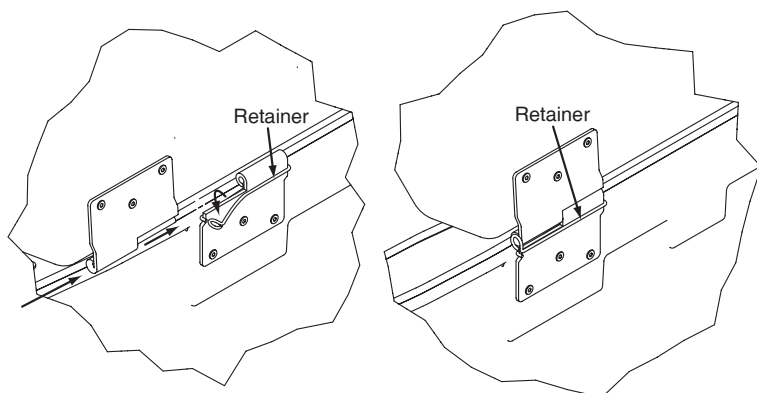
### Flammability

BS476 Part 7 Class 2  
UL94 V0

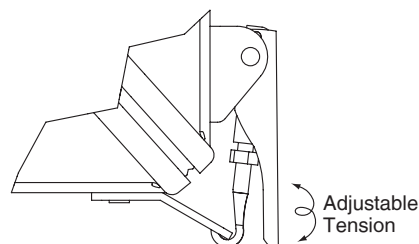
\* Vipak 700 series enclosures meet the protection and corrosion resistance requirements of NEMA 4X with the exception that they do not require a tool to open the enclosure. NEMA stipulates that a tool be required to open electrical enclosures which is a safeguard against casual access to electrically energized surfaces that may be inside the enclosure.

The stainless steel hinge allows the lid to be easily removed. The retainer prevents the hinge from accidentally disengaging.

The stainless steel latches are factory set to provide IP65 protection.



**HINGE DETAILS**



**LATCH DETAIL**

## Enclosure Options

- A705A** Antistatic: Surface Resistance <math><10^9</math> Ohm per EN50014  
**T** (suffix) TRAKMOUNT – zinc plated carbon steel  
**S** (suffix) TRAKMOUNT – stainless steel  
**T2** (suffix) Dual TRAKMOUNT – rails on 356mm (14") centers  
**T3** (suffix) Triple TRAKMOUNT – rails on 178mm (7") centers

## Enclosure Mounting

- LFM** 2" NB enclosure mount for single TRAKMOUNT rail or instrument bracket  
**T7FM** 2" NB enclosure mount for up to three TRAKMOUNT rails or instrument brackets

## Instrument Brackets

- UB** Universal transmitter mounting bracket  
**MSB** Manifold mounting bracket  
**IPBOF12** 2" NB instrument mounting pipe 300mm (12") tall  
**14VBF** Vertical instrument mounting plate 150mm wide x 355mm tall (6"x14")

*Mounting kits can also be supplied in stainless steel. Add suffix "S" to mounting kit designation.*

## Process, Instrument and Electric Entry Fittings

- ES4S** 19-54mm ( $\frac{3}{4}$ "-2 $\frac{1}{8}$ " ) heat shrink bundle entry fitting  
**ES5** 35- 70mm (1 $\frac{3}{8}$ "-2 $\frac{3}{4}$ " ) heat shrink bundle entry fitting  
**ES6X** 19- 90mm ( $\frac{3}{4}$ "-3 $\frac{1}{2}$ " ) heat shrink bundle entry fitting  
**1G** Adjustable grip, 3-9mm ( $\frac{1}{8}$ "- $\frac{3}{8}$ " ) diameter. IP65  
**2GM** Adjustable grip, 9-18mm ( $\frac{3}{8}$ "- $\frac{3}{4}$ " ) diameter. IP65

## Windows

- 2W** 255mm x 280mm (10"-11") tempered glass  
**3W** 175mm (7") diameter tempered glass

## Other Options

- LS** Stainless steel self locking lid support  
**LL** Locking latch  
**PT** 50mm x 150mm (2"-6") white phenolic tag with 12mm ( $\frac{1}{2}$ " ) black lettering  
**SST** 50mm x 95mm (2"-3 $\frac{3}{4}$ " ) stainless steel tag with 3mm ( $\frac{1}{8}$ " ) embossed lettering  
**BDM** Combination vent and drain. IP65  
**H** Stainless steel lift handle

Specifications subject to change without notice.

### Worldwide Offices:

**USA:** 1900 Crystal Industrial Court • St. Louis, Missouri 63114 • Ph: 314/236-2020 • Fax: 314/236-2080  
**BELGIUM:** Mallekotstraat 65 • B 2500 Lier, Belgium • Ph (+32) 3 491 9875 • Fax (+32) 3 491 9876  
**CANADA:** Suite 400 • 609 14th Street NW • Calgary, AB T2N 2A1 • Ph 403/730-7277 • Fax 403/730-7279  
**obcorp@obcorp.com • www.obcorp.com**