Typhoon is the all-weather, go-anywhere, breathe anything protection you always needed for delicate and expensive digital projectors on tours, outdoor events and those smoky TV specials where they come back full of cracked oil...

Typhoon is made from a strong aluminum chassis, with stainless steel hardware for great strength and durability in the rough-and-tumble world of rental and staging.

Typhoon models are available for most popular large-format rental projectors. Typhoon can be configured on the fly for landscape or portrait operation. Typhoon Projector Mounts are customized for each projector type, and allow the projector to travel inside the Typhoon enclosure. Set up the projector in the rental shop and save time on site! We can also design your Typhoon to house more than one projector type, to maximize your return on this investment.

Talking of investment return, Tempest features rental companies with our equipment on our web site, and since we will never rent our products, we refer all such enquiries to our Typhoon customers.

Typhoon comes with rigging points top, bottom and on both sides; a wide range of rigging accessories makes it easy to configure for any kind of event.

Typhoon’s unique connector panel is totally configurable for any type of power connector and up to eleven signal feedthroughs of any type. Just tell us what you need, and Typhoon will fit in right away to your existing wiring infrastructure.

Customization

Your needs are specific to your operation - we get that. So most Typhoon orders are at least semi-custom, to fit seamlessly to our customers' needs.

We will be happy to design the perfect Typhoon for you: perhaps you need it to work with several different projectors? No problem.

You need a special rigging accessory that we didn't think of yet? Great!

And all Typhoons come ready to connect seamlessly to your power and signal cabling systems - just read on...
Six rigging points top, bottom and both sides (M12-1.75 x 40mm stainless steel bolts supplied)

Tempered low-iron optical grade port glass for strength and perfect imaging

Projector mounts on a robust aluminum plate, which then fits to beams in the enclosure base. Position is adjustable front to back to accommodate different lenses.

Connector Panel — Power
Choose a power inlet connector type to suit your cabling (for US/Japan a separate 100-120V inlet is provided for aux equipment used inside the enclosure).

Connector Panel — Signal
Choose up to nine Neutrik feedthrough connectors of any type, plus up to two DVI feedthroughs (total 11 connectors). Specify label text for each one and we will take care of that too!

Internal Connections
Every Typhoon enclosure contains a C19 outlet for the projector, plus a pair of C13 outlets for any auxiliary equipment you may need to run inside the enclosure (and there’s plenty of room under the projector for most commonly-used aux items).

And since no-one ever has IEC connectors when they need them, we include rewireable plugs for each outlet.
All Typhoons come with six M12 threaded sockets — one at each corner, and two midway between — top and bottom, and on both sides.

Stainless steel bolts are provided for attachment to any suitable support structure and/or any of the Typhoon rigging accessories shown here.

We are used to the weird and the wonderful, and are always happy to work on custom rigging options for you!

**Typhoon Truss Kit (54.TR.xxx)**
Hang any Typhoon safely on any truss with pipe OD 2in [50].
The supplied half coupler clamps run in slots to adapt to any truss up to 24" [600].

**Stacking Kit (51.SK)**
Stack two or more Typhoon enclosures of the same type using this stacking kit.
Male and female parts attach to the threaded corner holes, and are simply joined together on site using stainless steel clevis pins.

**Drop Arms Kit (54.DA)**
Vary the angle of individual enclosures in a stack with these handy drop arms — requires a stacking kit.

Stack, fly, landscape, portrait — there are so many ways to rig Typhoon enclosures, and we can help you with custom solutions too!

**Typhoon at the Opera**
6 Typhoon enclosures Lighting up the Piazza at Covent Garden, London.
Courtesy Stage Sound Services, UK.
Typhoon
Rental &
Staging
Projector
Enclosures

Rigging Options

Stacking Kit (51.SK)
Stack two or more Typhoon enclosures of the same type using this stacking kit.
Male and female parts attach to the threaded corner holes, and are simply joined together on site using stainless steel clevis pins.

Unistrut Kit (54.UR.xxx)
Add these stainless steel Unistrut rails to any pair of rigging points for easy rigging in any orientation, using industry-standard hardware.

Cyclovator Tilt Kit (55.C2)
Mount your Typhoon enclosure on a Cyclovator for quick and easy tilt adjustment up to 60° up or down - so handy when you don’t know the tilt angle until you get to the job site...
(Cyclovator requires the enclosure to have a Unistrut kit (54. UR.xxx))
**Goldilocks™**

How do we keep projectors from roasting when it’s 50°C and there’s no shade? And prevent condensation from destroying your projector overnight? Tempest’s unique Goldilocks™ Operating System (patents pending) brings enclosure control to a new level. Goldilocks keeps the air temperature inside your enclosure just right, removing heat from the projector when the lamp is on or when the enclosure is heated by the sun. We’re changing the air about every second. Goldilocks uses a heater to maintain a minimum temperature in cold climates.

And Goldilocks tracks temperature and humidity 24/7, keeping relative humidity inside your enclosure just right by using heaters to raise the air temperature when needed, adapting constantly to prevent deadly condensation.

**RS485 Comms (standard)**

Daisy-chain a group of enclosures together with this RS485 board — one per enclosure, and monitor using a JESE RDM-TXI interface (Tempest part # 2000.195).

**51.EN Ethernet Comms**

Use this Ethernet adapter to connect one enclosure or a group of enclosures connected using RS485 to a PC, and monitor using Tempest TEMP protocol. Download the TEMP Developer Guide from www.tempest.biz/tech-support.

**JESE Agent - Global Monitoring**

Now, there’s Agent, from Tempest partner JESE — monitor larger systems in the site control room, or worldwide, from our UK-based control center — see more below...
With JESE’s groundbreaking AGENT monitoring system, you can see exactly what’s going on, in every one of those mission-critical enclosures.

And so can we...

We can log into your AGENT system from JESE’s UK support center, and help you identify and fix problems — even upload new firmware to your enclosures if that’s what you need.

Low Risk — High Reward
For a very modest initial outlay, and an annual service fee, you can rest assured that your system will alert you to any potential or actual problems, and you will have access to system upgrades and real-time support, from experts who can see right into your system.

Low risk, very high reward.

And there’s more...
AGENT supports the published ANSI DMX and RDM standards, so it can be used to monitor any compliant products, seamlessly with your Tempest enclosures.

Download the JESE Agent data sheet from www.tempest.biz
# Base Enclosures

## Typhoon 54.100

<table>
<thead>
<tr>
<th>Part #, 200-250V</th>
<th>54.100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dims (lwh)*</td>
<td>864x762x381</td>
</tr>
<tr>
<td>Weight</td>
<td>39kg/85lb</td>
</tr>
<tr>
<td>Shipping*</td>
<td>91x91x61cm</td>
</tr>
<tr>
<td>Dims (lwh)</td>
<td>36x36x24in</td>
</tr>
<tr>
<td>Weight</td>
<td>53kg/120lb</td>
</tr>
</tbody>
</table>

## Typhoon 54.210

**Barco UDM**  
**Barco DZ21K**  
**Barco PT-DZ21K**  
**Barco PT-DZ21K**  
...and similar

<table>
<thead>
<tr>
<th>Part #, 200-250V</th>
<th>54.200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dims (lwh)*</td>
<td>1270x762x457</td>
</tr>
<tr>
<td>Weight</td>
<td>50x30x18in</td>
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<tr>
<td>Weight</td>
<td>50kg/109lb</td>
</tr>
<tr>
<td>Shipping*</td>
<td>142x104x71cm</td>
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<tr>
<td>Dims (lwh)</td>
<td>56x41x28in</td>
</tr>
<tr>
<td>Weight</td>
<td>80kg/177lb</td>
</tr>
</tbody>
</table>

## Typhoon 54.310

**Barco UDX**  
**Christie Boxer**  
**Christie Crimson**  
...and similar

<table>
<thead>
<tr>
<th>Part #, 200-250V</th>
<th>54.310</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dims (lwh)*</td>
<td>1473x813x533</td>
</tr>
<tr>
<td>Weight</td>
<td>53kg/116lb</td>
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<tr>
<td>Shipping*</td>
<td>163x91x79cm</td>
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<tr>
<td>Dims (lwh)</td>
<td>64x36x31in</td>
</tr>
<tr>
<td>Weight</td>
<td>83kg/182lb</td>
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</table>

## Typhoon 54.320

**Panasonic PT-RZ31K**  
...and similar

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<tr>
<th>Part #, 200-250V</th>
<th>54.320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dims (lwh)*</td>
<td>1575x864x610</td>
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<tr>
<td>Weight</td>
<td>63kg/137lb</td>
</tr>
<tr>
<td>Shipping*</td>
<td>152x97x91cm</td>
</tr>
<tr>
<td>Dims (lwh)</td>
<td>60x38x36in</td>
</tr>
<tr>
<td>Weight</td>
<td>93kg/207lb</td>
</tr>
</tbody>
</table>

## Options

- **54.TI** Any Typhoon  
  Thermal Insulation Lining
- **54.GH.xxx** Typhoon xxx  
  Pair of Grab Handles
- **51.SK** Any Typhoon  
  Stacking Kit
- **54.DA** Any Typhoon  
  Pair of Drop Arms (requires 51.SK)
- **54.TR.xxx** Typhoon xxx  
  Typhoon Truss Kit
- **54.UR.xxx** Typhoon xxx  
  Pair of Unistrut Rails
- **51.EN** Any Typhoon  
  Ethernet Comms Board
- **54.CF** Typhoon 150  
  and up
  Replacement Rubber Connector Flap
- **54.CF.100** Typhoon 100  
  Replacement Rubber Connector Flap
- **51.HF.15** Typhoon 150  
  Replacement Inlet Filter (15in)
- **51.HF.11** Typhoon 100  
  Replacement Inlet Filter (11in)
- **51.D4.S1** Any Typhoon  
  JESE Agent 1-port node board
- **51.JA.xxx** Any Typhoon  
  JESE Agent Monitoring System - consult factory

## Power Inlet Options

- **L6-20** US/NEMA 20A 208V (2 hots)
- **L21-20** US/NEMA 20A 208V (2 hots + N)
- **L6-30** US/NEMA 30A 208V (2 hots)
- **L21-30** US/NEMA 30A 208V (2 hots + N)
- **IEC320-C20** International 20A 230V
- **IEC309-16** International 16A 230V
- **IEC309-32** International 32A 230V
- **Custom** Any  
  Consult Factory

## Signal Feedthroughs (9 Neutrik slots, plus 1 or 2 DVI)

- NE8FD  
  Neutrik  
  EtherCon
- NO2-4FDW  
  Neutrik  
  OpticalCon Duo
- NAHDMIWB  
  Neutrik  
  HDMI
- XLR5M  
  Neutrik  
  XLR5 Male (RS485/DMX)
- XLR5F  
  Neutrik  
  XLR5 Female (RS485/DMX)
- NBB75DFIB  
  Neutrik  
  75Ω BNC Feedthrough
- S4.DPF  
  DisplayPort Feedthrough
- EH35MM2PKG  
  Switchcraft  
  3.5mm Jack Feedthrough
- Blank
- DVI-DL  
  Amp  
  DVI Dual Feedthrough
- Custom
  Consult Factory

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*All Typhoon Enclosures are custom or semi-custom. Please consult factory for details. Dimensions shown here are approximate, pending submittal drawings for each sale.*

**All Schedule B Export Code:**  
9405.99.0000

All sales are subject to Tempest Lighting, Inc. Standard Terms and Conditions, available for download at www.tempest.biz.

**CAD drawings and user manuals at www.tempest.biz**
**Name**

**Company**

**Email**

**Phone**

**Projector type**

**Typhoon Model**

**Quantity**

**Thermal Insulation**

**Grab Handles**

**Truss Kit**

Yes, Qty ___________    No __________

**Stacking Kit**

Yes, Qty ___________    No __________

**Drop Arm Kit**

Yes, Qty ___________    No __________

**Unistrut Kit**

Yes, Qty ___________    No __________

**Cyclovator**

Yes, Qty ___________    No __________

**Ethernet Bridge**

Yes, Qty ___________    No __________

**Spare Inlet Filter**

Yes, Qty ___________    No __________

**Spare Cable Flap**

Yes, Qty ___________    No __________

**Color**

Standard, Black □

Custom, RAL # ________________

Gloss Level _____________%

**Connectors**

**Power Inlet Connector** (choose 1)

- **North America/Japan:**
  - L6-20 □  L21-20 □  L6-30 □  L21-30 □
  - Note: 120V IEC C14 inlet included for aux power

- **International:**
  - IEC-C20 □  IEC309-16 □  IEC309-32 □

- **Other (specify)**

**NOTE: Typhoon 100 uses Neutrik PowerCon True inlet**

**Signal Feedthroughs** (max 9 Neutrik slots plus 1 or 2 DVI)

<table>
<thead>
<tr>
<th>SLOT</th>
<th>TYPE</th>
<th>LABEL TEXT*</th>
<th>Type Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>EtherCon</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>B</td>
<td>OpticalCon Duo</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>C</td>
<td>BNC 75Ω</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>D</td>
<td>HDMI</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>E</td>
<td>DisplayPort</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>F</td>
<td>XLR5M</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>G</td>
<td>XLR5F</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>H</td>
<td>3.5mm Jack</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>J</td>
<td>DVI</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>K</td>
<td>DisplayPort</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>X</td>
<td>Blank</td>
<td></td>
</tr>
</tbody>
</table>

*Label Text - keep it short! 8 characters max.*

**Custom Requests**

**Factory Use Only:**

**SO Number**

**Date**

**Electrical**

- IEC □
- NEMA □

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Made in the USA
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In the interest of continuous product improvement, specifications are subject to change without notice

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