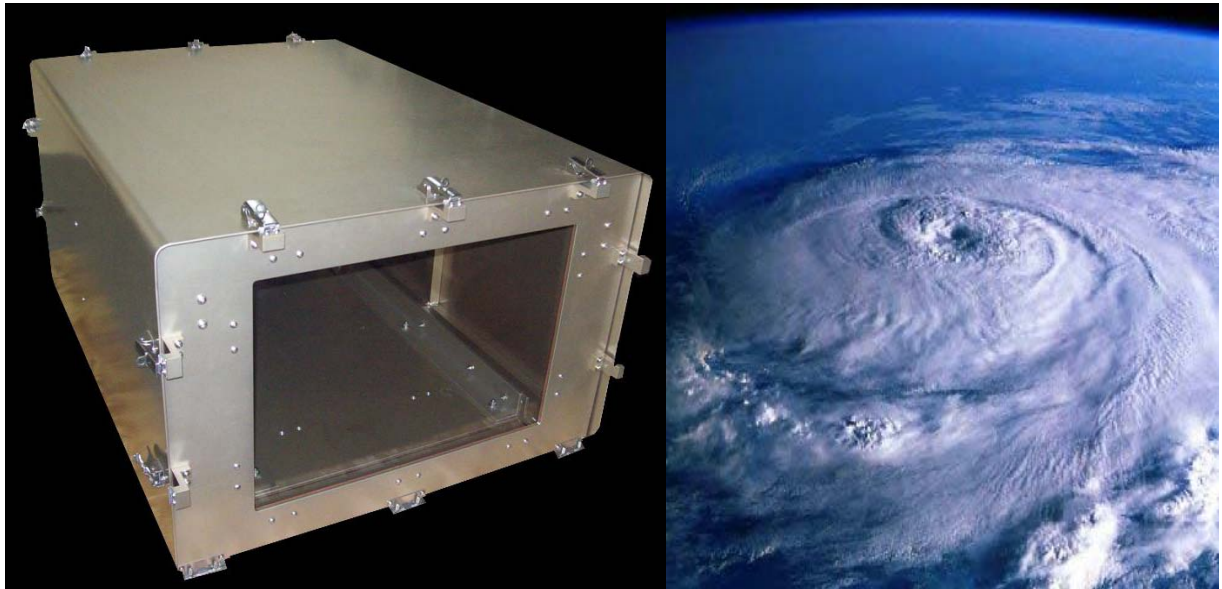




TEMPEST
lighting inc.

Cyclone 8000 Series



This Cyclone blows in and protects your large-format digital projector for use outside and in smoky or dusty environments. Cyclone enclosures are semi-custom, and are tailored to fit each projector type used.

CYCLONE 8000 Series are custom built weatherproof enclosures designed specifically for large format DLP Projectors. Intended for long-term and permanent installations, Cyclone sets the standard for elemental protection, low maintenance, and long equipment life.

The enclosure is constructed from heavy duty aluminum and stainless steel, with a sturdy optical-grade glass projection window. CYCLONE features the patented Digital Enclosure Control (DEC™) System, with intelligent control of temperature, airflow and humidity, maintaining optimum operating temperature in all climate conditions, and completely eliminating condensation.

And Cyclone offers easy access for re-lamping, with front and back hinged and removable doors, and a slide-out projector tray.

The Cyclone 8000 is a complete protection system that will reduce cost and maintenance and extend lamp and projector life.



Designed to Fit
 (Contact us for other projector types)

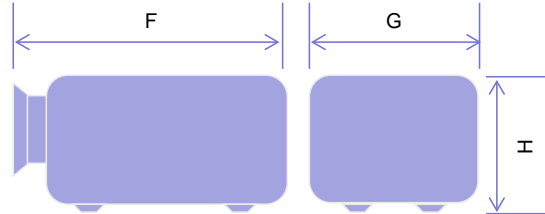
8000 - BARCO SLM-R12
 8000 - BARCO CLM-R10+
 8000 - Christie DS+8K
 8200 - BARCO FLM HD18
 8200 - BARCO SLM R12+
 8200 - BARCO FLM R20+
 8400 - BARCO XLM HD30

8000 - Christie HD10K-M
 8000 - DP Titan Pro Series II
 8000 - Sony VPLFX52
 8200 - Christie HD12K
 8200 - DP 30-HD1080p
 8400 - Christie HD+30K
 ...and similar units

Max lamp power

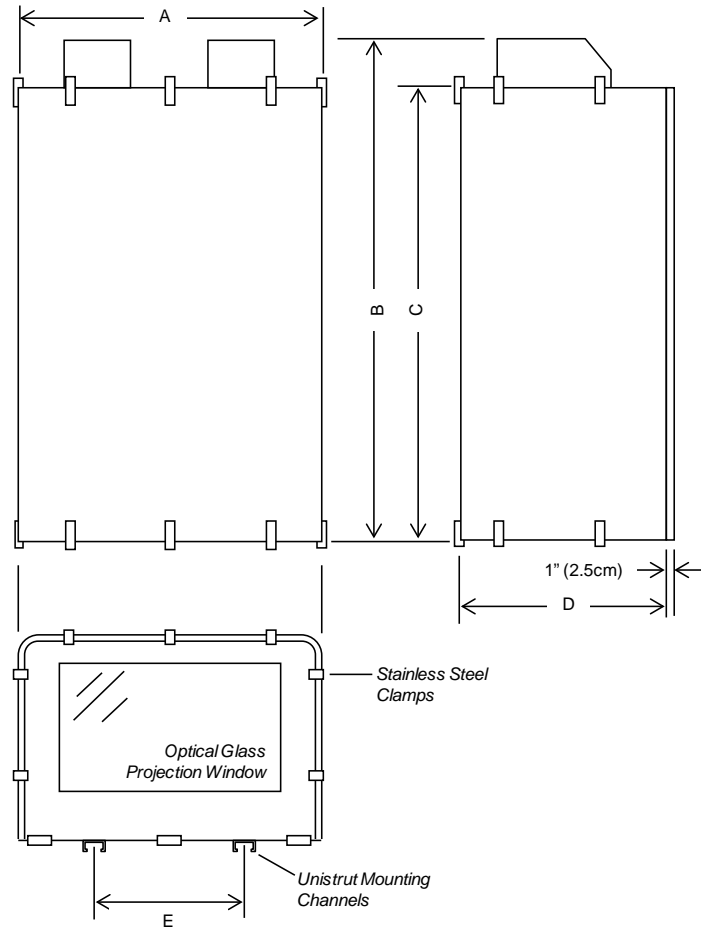
8000 - 1,200W 8200 - 4,000W 8400 - 6,300W

Max Projector Dimensions



Refer to dimension table below

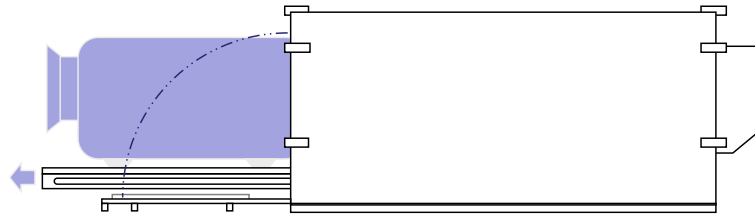
Enclosure Dimensions



	8000	8200	8400 *
A	32" (81cm)	36" (91cm)	40" (102cm)
B	47.75" (122cm)	58" (147cm)	79" (201cm)
C	45" (115cm)	54" (137cm)	75" (191cm)
D	21.5" (55cm)	29.5" (75cm)	35" (89cm)
E	20.0" (51cm)	26" (66cm)	30" (76cm)
F	35" (89cm)	42" (107cm)	63" (160cm)
G	26" (66cm)	30" (76cm)	34" (86cm)
H	17" (43cm)	23" (58cm)	28" (71cm)

* Cyclone 8400 enclosures are built to order and dimensions may be adjusted to suit the projector to be housed.

- Weight** 8000 – 120lb (55kg), 8200 – 145lb (66kg), 8400 – 190lb (86kg)
- Access** The projector is easy to install and service, using the Cyclone enclosure’s slide-out projector tray.



- Enclosure** Aluminum case with stainless steel hardware and weather-sealed tempered optical glass projection window
- Finish** Epoxy dry powder coat. Standard color Titanium. Custom colors to special order.
- Climate Control** Patented Digital Enclosure Control (DEC) System, microprocessor controller and display controls humidity and dewpoint.
- Cooling** Filtered fresh air cooled using dual-speed DC fans, fused and polarity protected. Washable foam intake filter.
- Heating** Proportionally controlled 1000 watt heater coil dries intake air and provides up to 30°C temperature rise above ambient.
- Protection** Projector over-temperature DPDT relay.
- Diagnostics** Self-diagnostics of microprocessor inputs/outputs
- Electrical** Feeder terminals hardwired on site
Enclosure – hardwired on site, 200-240VAC, 50/60Hz, 7.5amps (max)
Projector: Americas: NEMA L6-20 receptacle provided
Asia/Europe: CE17 16amp receptacle provided
- Mounting** Two parallel 1 5/8" x 13/16" Unistrut. Mount with suitable standard Unistrut hardware, or order 4 sets per enclosure of either of the following Tempest mounting kits. Tempest kits are made from stainless steel and aluminum hardware.



4900.MB Stainless Steel Unistrut channel nut, bolt and washer. Four required per enclosure.



4900.MC Stainless Steel Unistrut channel nut, bolt and pipe clamp, for pipes 1.5" (38mm) to 2" (50mm) OD. Four required per enclosure.

- Shipping (crated)** 8000 - 54"x36"x26"(h), weight 300lb* - 137 x 91 x 66cm, 136kg*
8200 - 64"x42"x36"(h), weight 350lb* - 163 x 107 x 91cm, 159kg*
8400 - 85"x46"x41"(h), weight 400lb* - 216 x 117 x 104cm, 182kg*
Schedule B Export Code: 8536.30.0000
* Weights may vary, due to fittings required for different projector types

Specification

Unit shall be a Tempest projector enclosure catalog number 8_00. The housing shall be constructed from aluminum and stainless steel. Further, the unit shall possess filtered forced air ventilation in combination with heater and controlled by a microprocessor with a temperature display. Unit shall be ETL listed to U.L. standard 508 for wet locations and be a NEMA type 3R. The unit shall have above ground connection ports, compression latches with padlock rings, and may be secured to its mounting via stainless steel eye bolt, making it highly theft resistant. Unit shall provide a power cutoff to projector in case of high temperature inside enclosure. Units shall control cool-down rate of projector by use of heater. Unit shall have a projection window with optically clear safety glass. The enclosure shall be identified as the Cyclone Enclosure manufactured by Tempest Lighting, Inc., of North Hollywood, California, USA.

Ordering Information

The following information must be provided with each order:

- Projector type, model number and lamp power
- Base Color: White, Gray, Beige or Custom
- Supply voltage
- UL or CE version

Approvals

ETL and cETL listed to UL Standard 508 (7/11/05), CE. NEMA Type 3R.



NEMA type 3R

This product is covered by US Patent Number 6,352,358.

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

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