



PRODUCT SPECIFICATION

PEGASUS™ HIDDEN PROJECTOR ENCLOSURE



General:

The concealed projection enclosure shall be a **Pegasus™ Hidden Projector Enclosure (HPE)** as manufactured by **Custom Display Solutions, Inc.** The HPE shall be a custom fabricated, self contained assembly, designed to support particular projectors and lenses for specific applications. The HPE shall be custom designed to minimize physical unit dimensions, while optimizing viewers' line-of-sight requirements given available room constraints. HPEs can be designed to mount above ceilings, beneath floors, behind walls, in facades, or wherever allows for the most inconspicuous concealment of the projected light source.

The Pegasus™ HPE shall include an adjustable projector mounting bracket and projector mounting hardware. Depending upon the design, the HPE may be outfit with a framed, 94% reflective FSG Mirror. The HPE shall have a compression-latching access door with safety catch to protect against accidental opening. An optional, locking access door is available as required. The HPE projection port shall be outfit with a clear acrylic panel, with optional polycarbonate panels in varying thicknesses available for high-risk installations.

The HPE shall have multiple, movable anchor points for easy mounting to structural bracing during installation.

Design & Documentation:

The Pegasus™ HPE shall be designed completely in CAD and sign-off drawings will be provided to the customer prior to fabrication. A serial number shall be applied to the specified design and the CAD files shall be archived for future reference. Unless otherwise specified, the Pegasus™ HPE shall ship fully assembled to facilitate ease of installation.

Construction:

The Pegasus™ HPE shall be a prefabricated, heavy-duty, extruded aluminum design. As required, the Pegasus™ HPE's construction shall include sheet metal or flame retardant-painted MDF panels. The HPE structural aluminum framework shall consist of precision extruded aluminum profile, held fast by "fixbloc & t-bolt" joinery.

Ventilation:

For plenum-rated designs, the HPE shall be outfit with outfit with a thermally regulated, 110VAC active ventilation system and shall be provided with 12'-0" of plenum-rated, flex-duct hose and clamping hardware.

Projector & Cable Access:

Cable openings shall be provided and as required, the HPE shall be outfit with cable races for additional cable management.

Factory Testing:

Prior to shipment, the Pegasus™ HPE shall be pre-assembled and factory tested with a customer or manufacturer-provided projector. Satisfactory performance shall be documented and approved by the HPE manufacturer. A written and photographic record of this factory test shall be kept by the manufacturer and made available to the customer upon request.

Warranty:

The Pegasus™ HPE Factory Warranty™ shall cover all parts and labor for one full year from invoice date against defects in manufacturing. The manufacturer reserves the right to repair or replace the defective item to satisfy the customer.

CUSTOM DISPLAY SOLUTIONS, INC.

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