

STORM GUARD HOOD

The Eldridge Storm Guard Hood prevents the entrainment of water into machinery space ventilation systems on a Mobile Offshore Drilling Unit (MODU) or any kind of offshore vessel/installation.

The Storm Guard Hood was designed with a smaller footprint and to outperform previous traditional marine ventilation hoods.

OPTIONAL FEATURES

- Vent cover with manual or motor driven screw down lid
- Acoustical lining for critical noise abatement applications

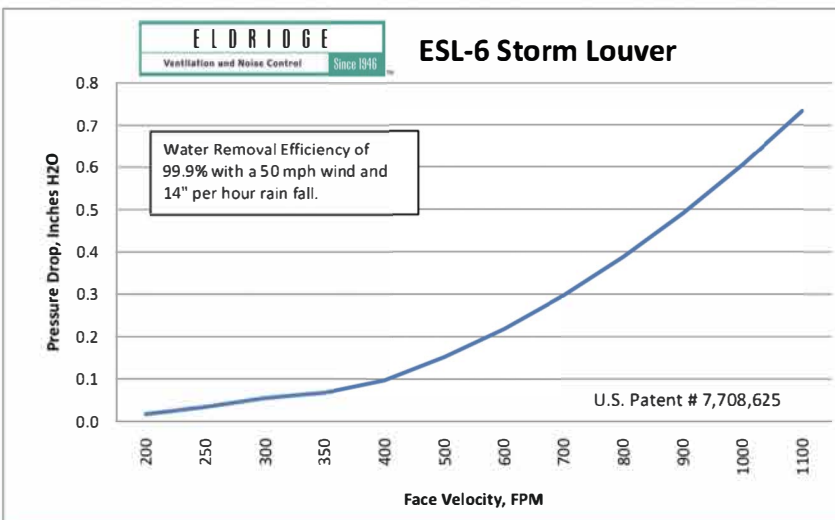
DESIGN AND FUNCTION

Our patented Storm Guard Hood uses the Eldridge ESL-6 Vertical Storm Louver to create a smaller footprint where deck space is at a premium. The ESL-6 louver blades are spaced close together vertically. There are turbulators on the interior surfaces of the blades that change the direction of the airflow and collect the driven water. Water free falls to the bottom of the louver and drains out on to the deck.

The Eldridge ESL-6 Storm Louvers' water eliminating and construction features make them superior to any other louver on the market. Our hood is all seal welded rather than bolted or sheet metal screwed together. The louvers are also all welded construction of 0.125" thick extruded aluminum and treated with a one-hour clear anodized finish, making them as effective as 316 stainless steel and virtually impervious to salt corrosion.



US Patent No. 7,708,625



PERFORMANCE

- Rated for velocity and pressure drop in accordance with tests performed per AMCA Publication 511
- Maintains 99.9% efficiency from 400 to 4,000 fpm through the free area
- 99.7% effective in the removal of fog particles down to 20 micron size



Storm Guard Hood
SGH-A-001

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