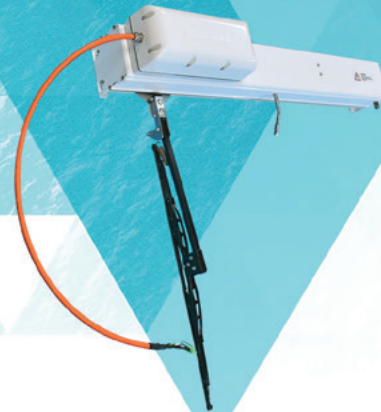




SOLARGLIDE
MARINE BLINDS & WINDOW COVERINGS



STRAIGHTLINE SHIP WINDSCREEN WIPERS

ELECTRIC AND PNEUMATIC
WINDOW WIPERS FOR SHIPS

STRAIGHTLINE SHIP WINDSCREEN WIPERS

Electric and Pneumatic Window Wipers for Ships

Solarglide offer a range of robust electric and pneumatic **STRAIGHTLINE ship window wipers** for ships, cruiseliners, ferries, cranes, and oil rigs.

Keep your crew and passengers safe by maintaining clear unhindered visibility in all weather conditions (designed and tested to withstand the worst of ocean storms and bad weather during voyages).

STRAIGHTLINE ship windscreen wipers are manufactured using the highest quality marine grade materials allowing them to withstand even the harshest sea conditions without corrosion or wiper disfigurement. Solarglide's fully integrated marine wiper systems are developed specifically for the Maritime Industry and can be found on the wheelhouse of ships, cruise liners and ferries globally.

Solarglide **STRAIGHTLINE ship window wipers** are a robust linear action window wiper system where the wiper blades are positioned to move horizontally across the ship window (in a side-to-side motion from left to right or vice versa). This sweeping motion allows for maximum surface area water clearance, which is essential, especially for larger bridge windows. In addition to the standard electric systems, Solarglide's pneumatic systems are air driven and suitable for offshore safe areas where electric supply is not permitted (Specifically Hazardous zones 1 & 2).



Horizontal Motion



Electric Systems

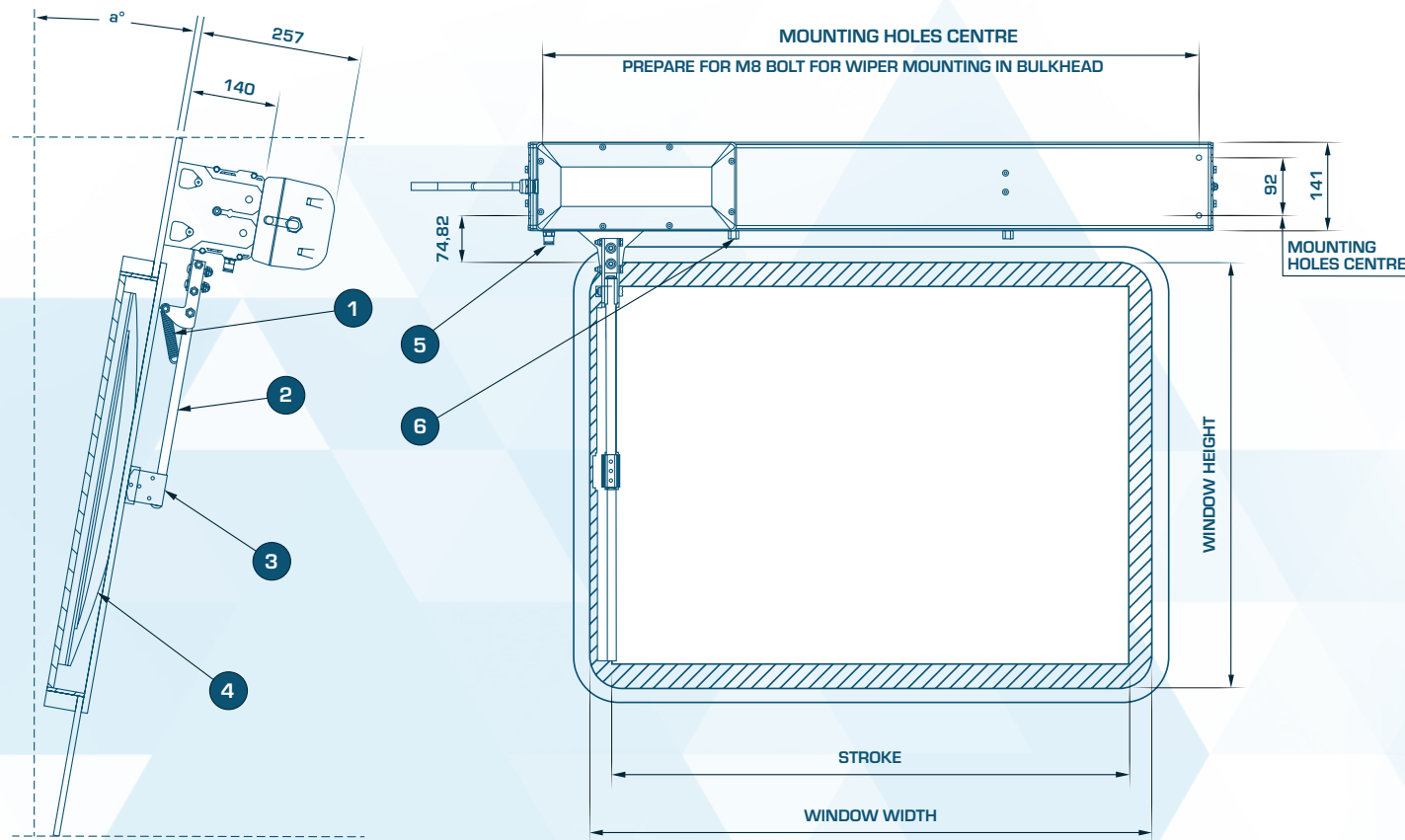


Pneumatic Systems



Marine Grade Parts

STRAIGHTLINE MARINE WIPER SYSTEM



Components	
1	Adjustable Wiper Arm Tension Spring
2	Wiper Arm
3	Wiper Blade Clip
4	Wiper Blade
5	Water Inlet
6	Washer Nozzle



VESSEL TYPE



COMMERCIAL AND MILITARY SHIPS

All commercial ships (including military vessels) require a robust marine window wiper system to ensure clear visibility during rough sea conditions or heavy storms. Without a reliable window wiper system, ships would lose essential visibility and would not be able to operate safely. Solarglide STRAIGHTLINE window wiper systems for ships are extremely powerful, they clear away large amounts of wave and rainwater when conditions at sea are bad. Controlled exclusively from the bridge area, straightline wipers are an essential navigation product for maintaining crew and vessel safety during continuous commercial voyages.



CRUISESHIP AND FERRIES

Cruiseliners and ferries have large, often deep, bridge windows with large glass surface areas. STRAIGHTLINE wipers are the perfect choice for such windows due to the size of the blades and the wipe area they can reach. STRAIGHTLINE wipers can be installed at both the top and the bottom of the windows for maximum wipe coverage when windows are over two metres in depth. These wiper blades can also be synchronised, so they wipe at the same time giving maximum visibility when needed.



OIL RIGS AND OFFSHORE PLATFORMS

Safety onboard oil rigs and offshore platforms is paramount, and although these platforms are mostly stationary, it's still very important to always have clear unhindered visibility. Pneumatic air driven wiper systems are the perfect choice for hazardous offshore environments where electric wiper systems are not permitted.



OFFSHORE CRANES

Visibility is extremely important for crane operations as cabins are exposed to extreme changes in weather conditions. As well as good sun protection, a crane cabin also needs a robust and reliable window wiper system to allow daily operations to be carried out during wet and windy weather conditions. STRAIGHTLINE window wipers can be added to the forward and side windows, and operated from inside the cabin, ensuring clear visibility for the operator.

TECHNICAL DETAILS



POWER SUPPLY, PARTS & ACCESSORIES

Available power supplies for electric systems include 12VDC, 24VDC, 110VAC or 230VAC (Frequency 50Hz/ 60Hz). Solarglide marine window wipers also have the option for a washer system (for maintaining clear glass visibility) and a heater system (essential when navigating through colder climates). Furthermore, Solarglide marine window wipers are suitable for most ship window shapes and can be installed onto sloped windows which are commonplace onboard ships.

Replacement wiper spare parts (including wiper blades) are readily available at Solarglide and can be delivered to a vessel quickly, and to any international destination of choice



WHAT IS THE DIFFERENCE BETWEEN ELECTRIC AND PNEUMATIC SYSTEMS?

Electrically powered window wipers are operated using a motor and are integrated into the ship's electrical power supply. Pneumatic window wipers are driven by the ship's air supply and are used in hazardous area conditions where no electric power is allowed or available.



SIZING OPTIONS

The number of blades needed depends on the size and width of the window. Some windows can have a single blade, others can have multiple blades. If the windows are extremely long in height, wipers can be positioned at both the top and the bottom of the window, if there is sufficient space available. The Solarglide team will advise you and offer recommendations to ensure you get the best solution for your vessel.

We also provide technical drawings and comprehensive installation and maintenance guides with every order, and type approval certificates are available upon request.



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