

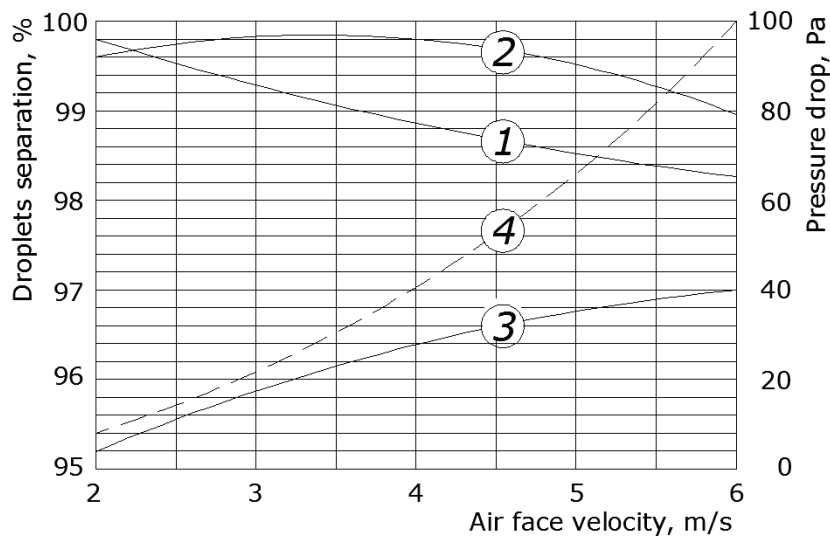
DESCRIPTION

Marine mist eliminator louvers DSAE are destined for installation on steel or aluminum walls of superstructure of seagoing ships and offshore objects as air intakes of ventilation systems. Provides high effective separation of sea / rain droplets and prevents the ice crystals formation on blades. Louvers consist of flanged, drilled frame incorporating vertical, high efficiency mist separating profiles, specially shaped. Profiles include self-regulating heating cable. Louvers can be fitted in positions where weather-tight closing device (Convention ILL 1966) are not required. Regulations of SOLAS for fire closings of external ventilation openings are to be observed. Material: frame – carbon mild steel, mist eliminator profiles – sea water resistant aluminum. Profiles arrangement (in dependence to demister position):

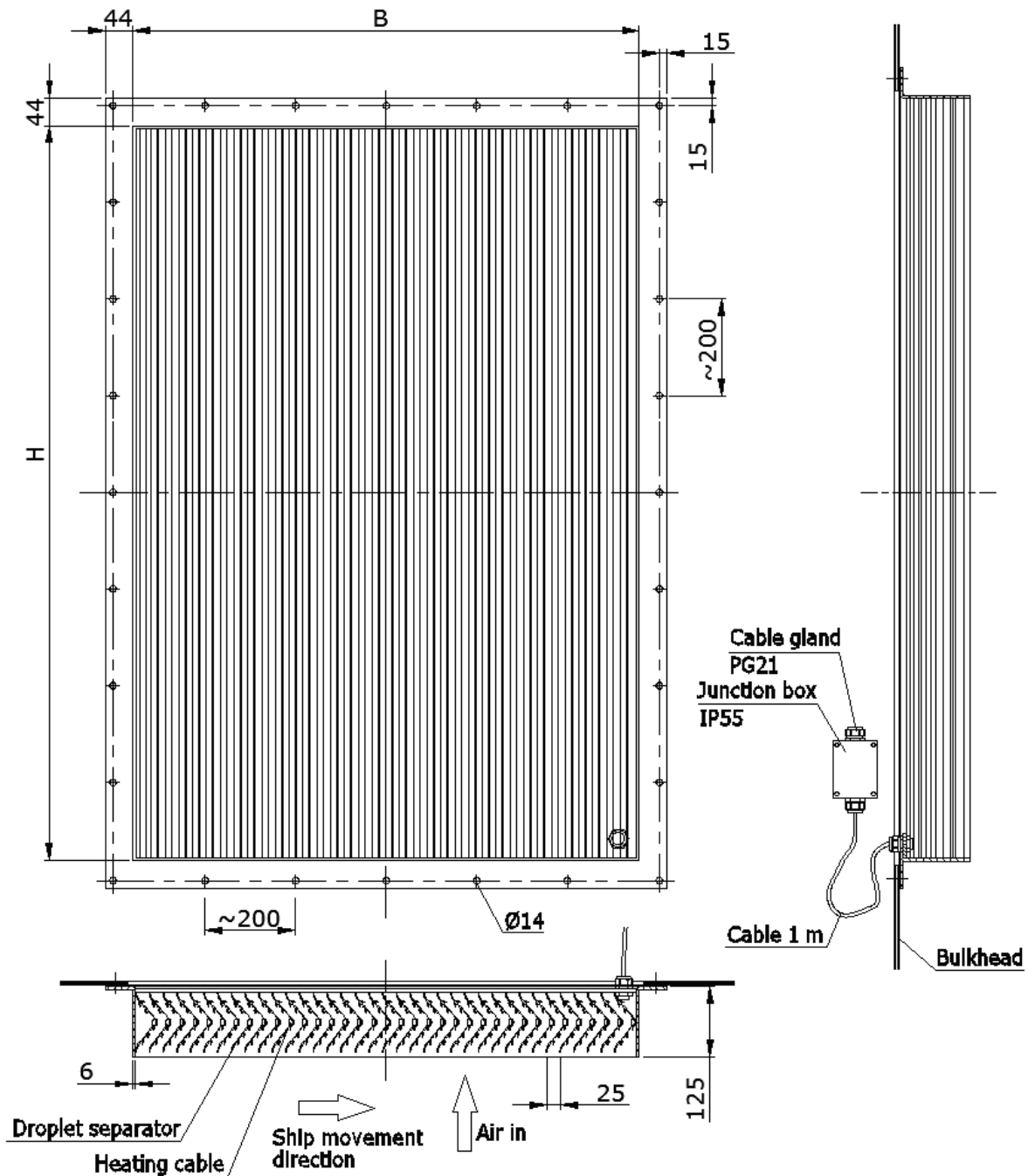
- S – demister fitted to star board bulkhead (shown on the drawing),
- P – demister fitted to port bulkhead.

Heating capacity: 1600 W/m² of separator face area at outdoor temp. -18°C. Other heating capacities available on request.

Surface treatment: steel parts hot-dip galvanized. Preservation with set of marine paints available on request.

PERFORMANCE CHART


- ① - rain, droplets 100 um, 10 litres/min/m²
- ② - rain, droplets 100 um, 25 litres/min/m²
- ③ - fog, droplets 30 um
- ④ - pressure drop across demister, Pa

DIMENSIONS

MARKING

Example: DSAE type demister louver of dimensions $B=1200$, $H=1800$ and for installation on star board bulkhead S: DSAE-1000x1800-S

DSB, DSH and DSD demister louvers are also available in electrically heated version of performance referred to DSAE louvers. They shall be named DSB, DSHE and DSDE, respectively.