



Description:

AIC-ST (Anti-Ice Cassette Standard) with self-regulating power output for anti-icing of escape walkways.

For use on vessels, rigs and other installations operating in arctic and cold climate conditions.

Manufactured according to operating conditions.

Installed directly on top of existing deck surface.

The edge of the cassette is available in several variations, 45° and self-supporting for raised deck.

Design for alternative fastening method with magnet also available.

Approvals and tests:

- ATEX and IECEx, as a product. Anti-Ice Cassette system (AIC)
 - Presafe 19ATEX14052X, marking: II 2 G Ex eb II T4 Gb
 - IECEx PRE 19.0007X, marking: II 2 G Ex eb ia IIC T4 Gb
- Offshore rule DNVGL-OS-A201 edition July 2015.
 - Winterization Qualifier: **Basic, Cold and Polar** $tw \geq -30^{\circ}\text{C}$
- DNVGL rules for ships Pt.6 Ch.6 Sec. 3 (5.1.3) Edition July 2018.
 - Winterization Qualifier: **Basic, Cold and Polar** @ $tw-25^{\circ}\text{C}$ and wind speed of 20m/s.

Specifications:

Voltage :	230 VAC nominal (min. 200 VAC-max. 250 VAC)
Power density :	655 W / m ² (project spec dependent)
IP Rating:	IP 66/67
Heating element :	High quality Self-regulating heating cable
Flying lead:	Draka BFOU 2x1,5mm ² to 2x6mm ²
Point load :	100x100 mm 4kN
Top surface :	NORSOK M-501, System 4, Anti-slip – RAL 1021(Yellow) Standard Other RAL codes can be supplied.
Size heated area :	Standard up to L=2250mm W=1200mm. Max 6m ² pr. Cassette
Size footprint:	Standard up to L=2250mm W=1280mm H=40mm
Weight :	Approx.34,5 Kg/m

Other size, power output can be manufactured according to specific climate specification.