



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 IIC T4 Gb or II 2 G Ex eb ia IIC T4 Gb (Optional PT-100 sensor)
 - IECEx PRE 19.0007X marking: Ex eb IIC T4 Gb or Ex eb ia IIC T4 Gb (optional PT-100 sensor)
- 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 :	According to measurements, Max 6m ² pr. Cassette
Weight :	Approx.34,5 Kg/m



Description:

AIC-SP (Anti-Ice Cassette Special) with self-regulating power output for anti-icing of escape walkways. Cassette module tailor made according to measurements.

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 19 ATEX 14052X marking: ⚡ II 2 G Ex eb IIC T4 Gb or ⚡ II 2 G Ex eb ia IIC T4 Gb (Optional PT-100 sensor)
 - IECEx PRE 19.0007X marking: Ex eb IIC T4 Gb or Ex eb ia IIC T4 Gb (optional PT-100 sensor)
- Offshore rule DNVGL-OS-A201 edition July 2015.
 - Winterization Qualifier: **Basic, Cold and Polar** $t_w \geq -30^\circ\text{C}$
- DNVGL rules for ships Pt.6 Ch.6 Sec. 3 (5.1.3) Edition July 2018.
 - Winterization Qualifier: **Basic, Cold and Polar** @ $t_w -25^\circ\text{C}$ 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 :	According to measurements, Max 6m ² pr. Cassette
Weight :	Approx.34,5 Kg/m



Description:

AIC-STEP (Anti-Ice Cassette Steps) 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 operation conditions and size of existing stair case.

Installed directly on top of existing step surface with bolts or use self-supporting steps mounted in stair case.

Available with flying lead or quick coupling (non-EX) with IP 68.

Approvals and tests:

- ATEX and IECEx, as a product. Anti-Ice Cassette system (AIC)
 - Presafe 19ATEX14052X, marking: II 2 G Ex eb IIC T4 Gb or II 2 G Ex eb ia IIC T4 Gb (optional PT-100 sensor)
 - IECEx PRE 19.0007X, marking: Ex eb IIC T4 Gb or Ex eb ia IIC T4 Gb (optional PT-100 sensor)
- 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 :	According to measurements, Max 6m ² pr. Cassette
Weight :	Approx.33 Kg/m

**Description:**

AIC-IA (Anti-Ice Cassette Special) with self-regulating power output for anti-icing of escape walkways. The AIC-IA are special made to withstand impact load for use of heavy equipment, such as forklifts. Cassette module tailor made according to measurements. Manufactured according to operating conditions. Installed directly on top of existing deck surface.

Approvals and tests:

- ATEX and IECEx, as a product. Anti-Ice Cassette system (AIC)
 - Pending
- Offshore rule DNVGL-OS-A201 edition July 2015.
 - Winterization Qualifier: Pending ATEX certification

Specifications:

Voltage :	230 VAC nominal (min. 200 VAC-max. 250 VAC)
Power density :	855 W / m ² (project spec dependent) pending certification
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 10 metric ton truck
Top surface :	NORSOK M-501, System 4, Anti-slip – RAL 1021(Yellow) Standard Other RAL codes can be supplied.
Size heated area :	According to measurements, Max 6m ² pr. Cassette
Weight :	Approx.94,5 Kg/m