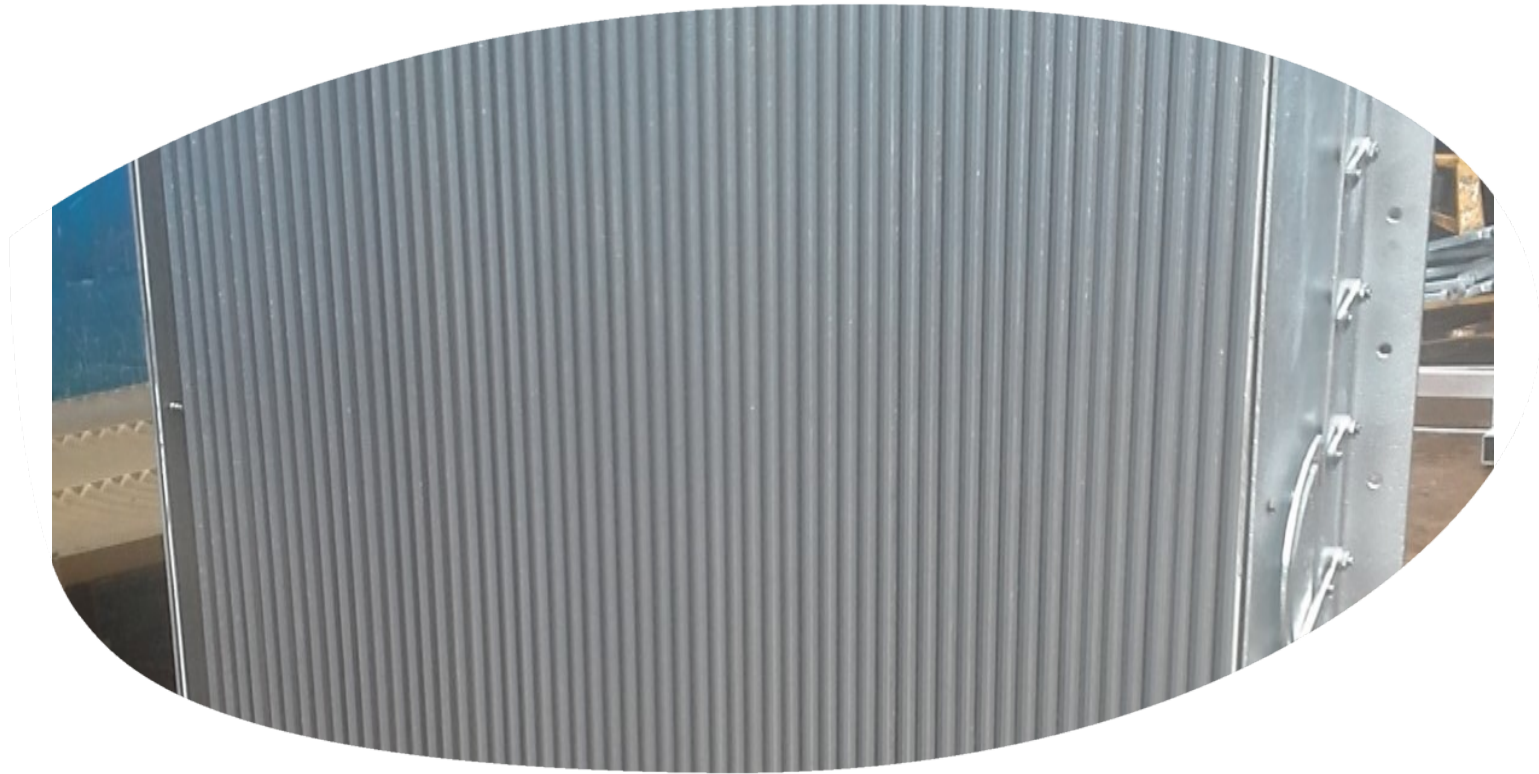


MIST ELIMINATOR FOR MARINE AND OFFSHORE

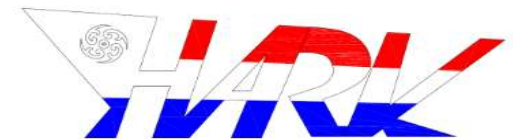
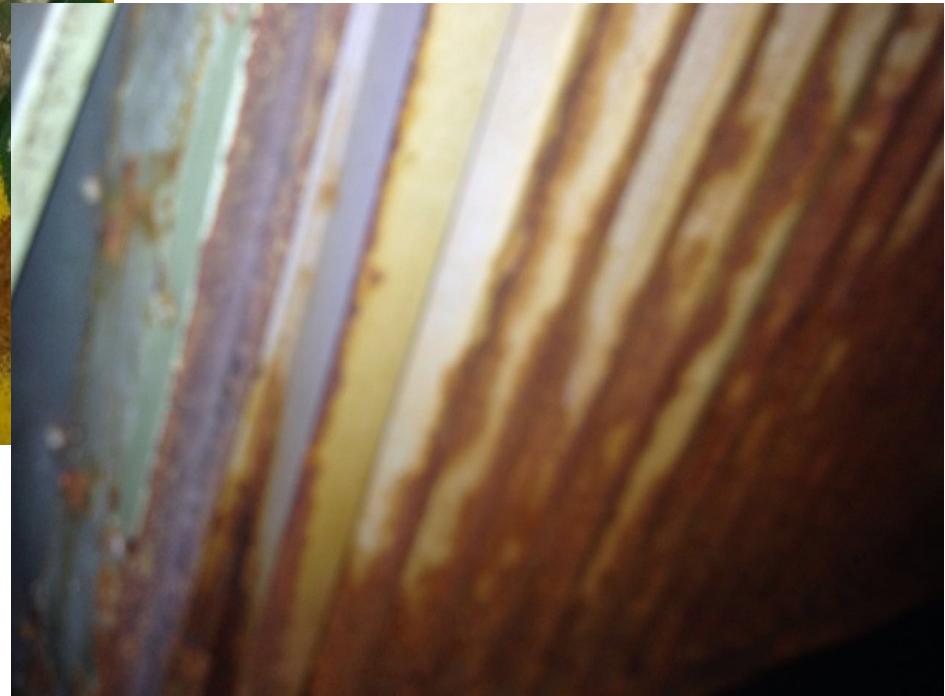
船用除雾器



为何要用除雾器？



未经处理的海上附带盐雾的空气进入到机械区域，造成各种设备的严重的设备点蚀和腐蚀。

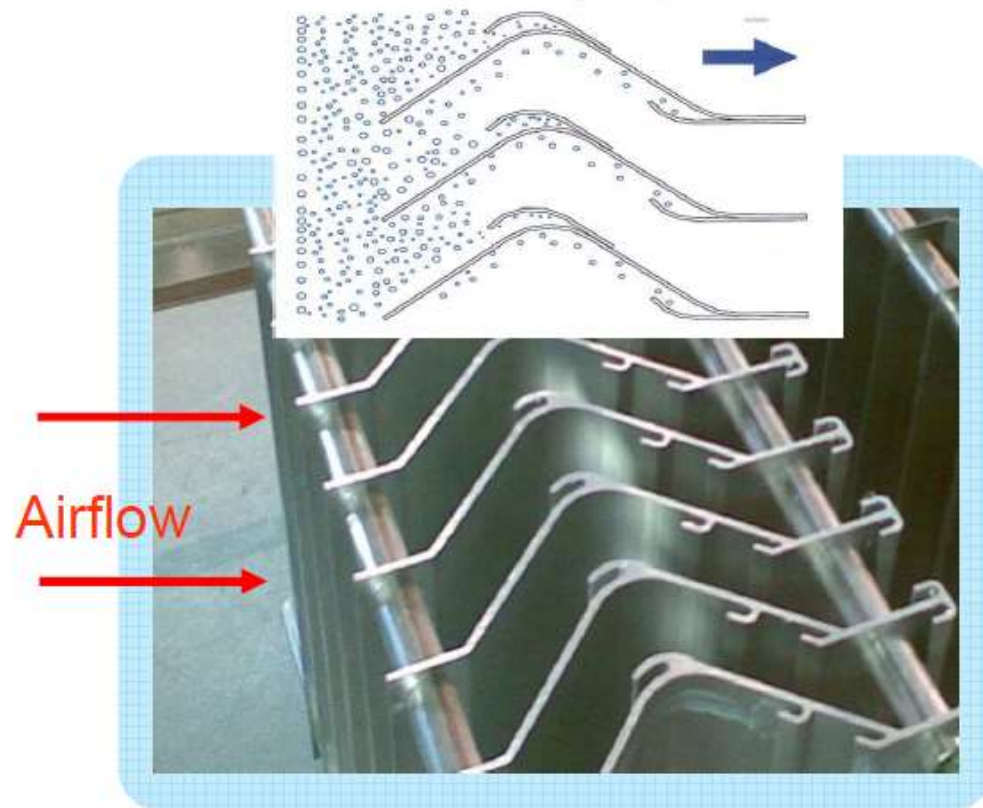


除雾器是如何工作的？



叶片离心分离原理:

1. 气流通过弯曲的流道
2. 离心力的作用使较重的颗粒沿径向甩出
3. 倒钩状凸出捕捉颗粒物，垂直下落排出

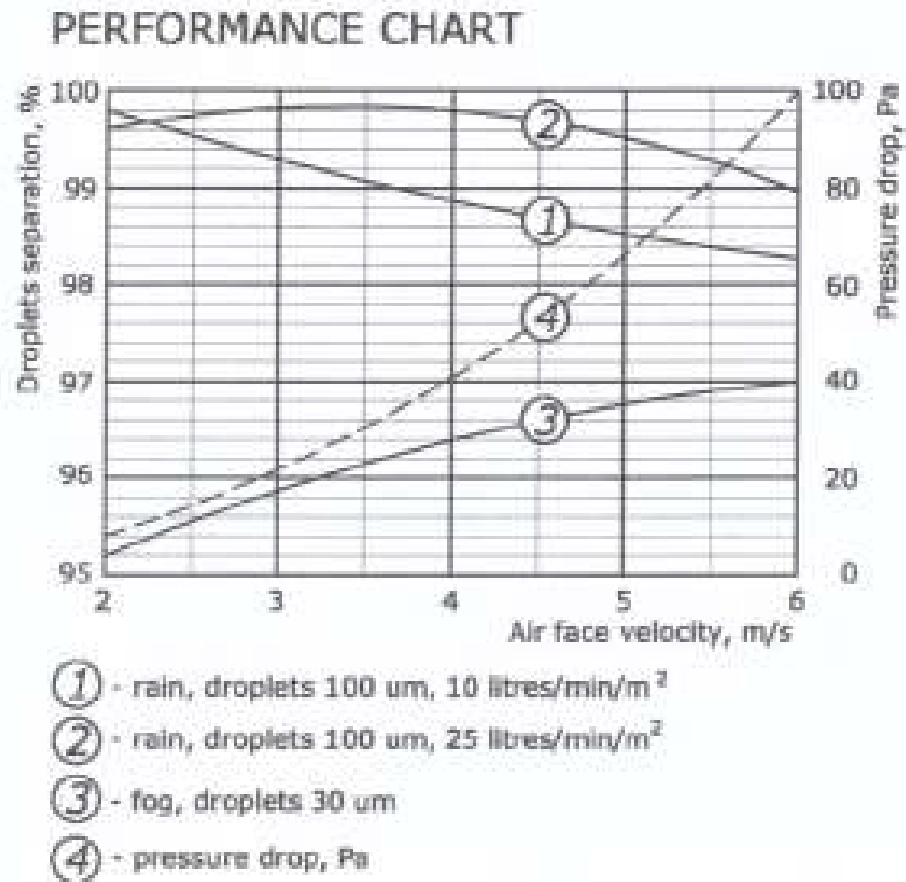


除雾器应用的标准

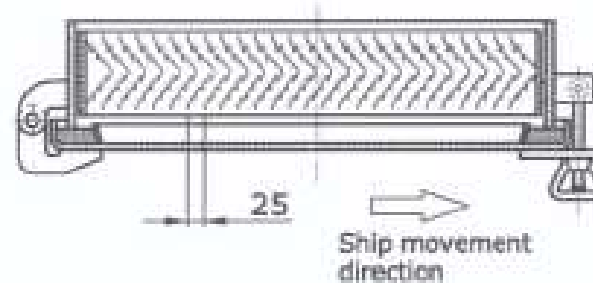
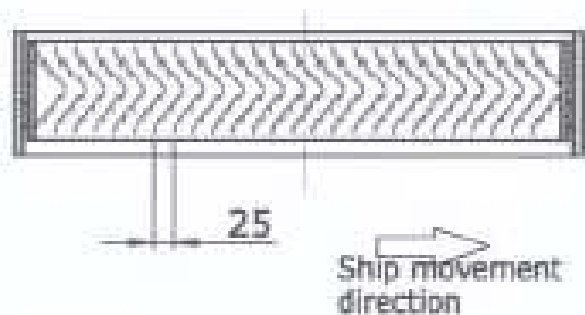


符合

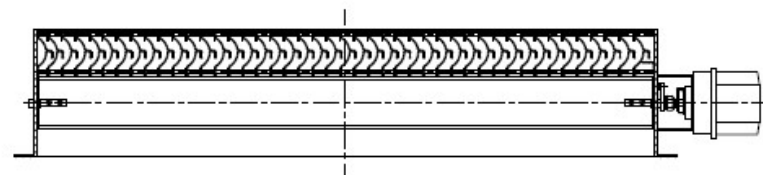
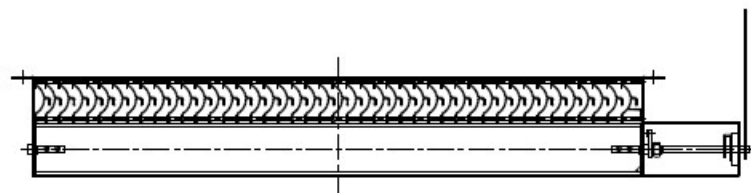
European Standard EN
13030:2001(E)



除雾器的多种应用方式



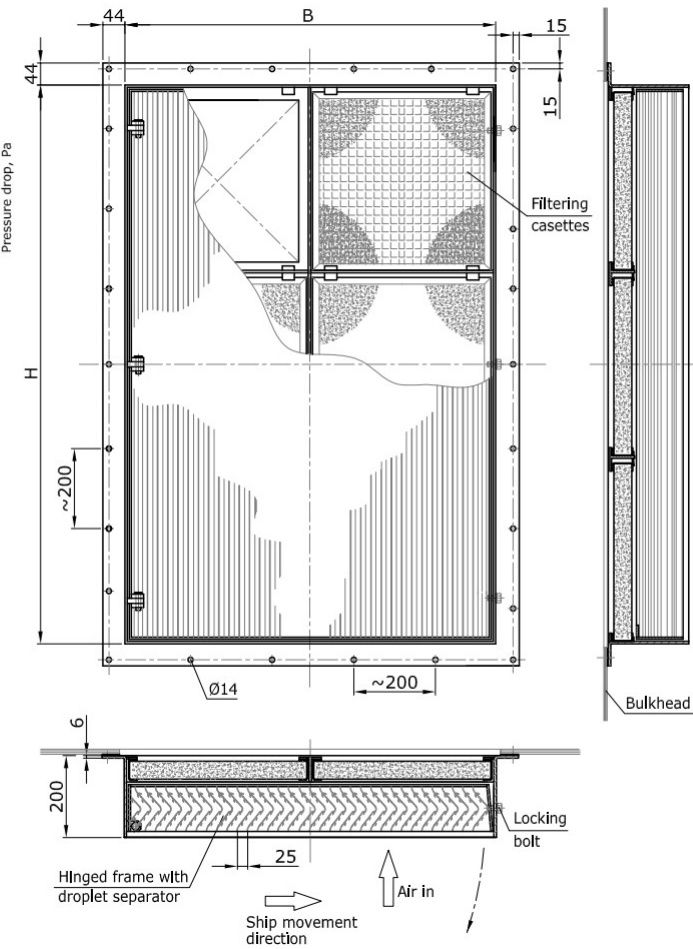
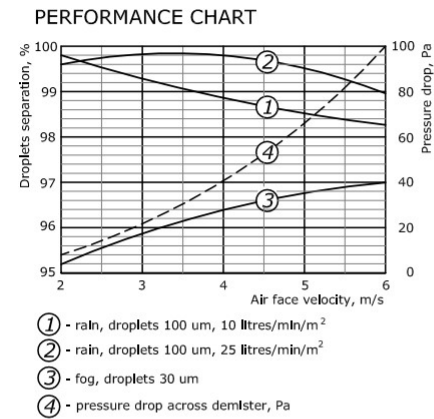
1. 单体除雾器
2. 除雾器带盖子
3. 除雾器带风闸（冲水实验）
4. 除雾器带风闸（手动、电动、气动）



除雾器的多种应用方式



5. 除雾器带过滤器



除雾器冲水实验船级社证书



DNV-GL

Statement No: **N1414M4N**

VERIFICATION STATEMENT FOR HOSE TIGHTNESS TEST OF SHUT-OFF DAMPER

Statement No:
N1414M4N

Not valid for products (materials, components or equipment) subject to classification by DNV GL.

Particulars of Product

Product Name: Hose tightness test of shut-off damper
Type designation: DSD-WT 1550x1500-MAN
Application/context: Part of ventilation systems
Serial/Tag no: N.A.

The product is intended for: STOCK

Requirements are based on: Test Program No.: W0-PTP/300-227

The product / material has been marked: **N1414M4N** on: side

Particulars of Vendor and Purchaser

Vendor: Przedsiębiorstwo ALWO Sp. z o.o.
Vendor reference: N.A.
Purchaser: N.A.
Purchaser reference: N.A.

Issued at **Gdansk CMC** on **2015-08-04**



for DNV GL

This document has been digitally signed and
will therefore not have handwritten signatures

Marczyk, Andrzej
Surveyor

Verification extent and result

Verification extent:

At the request of Przedsiębiorstwo "ALWO" Sp. z o.o., the undersigned surveyor to DNV-GL attended their facilities in Złotorya, Poland to witness a hose-tightness test of one marine shut-off damper.

Verification result/comments:

Positive - no water ingress through the blades.

Customer Supplementary information:

Damper manufactured according to drawing No.: D3202-03-00

Report

Test parameters:

Nozzle diameter - 12 mm

Water pressure at the nozzle - 2 bar

Distance from nozzle to damper - 1,5 m

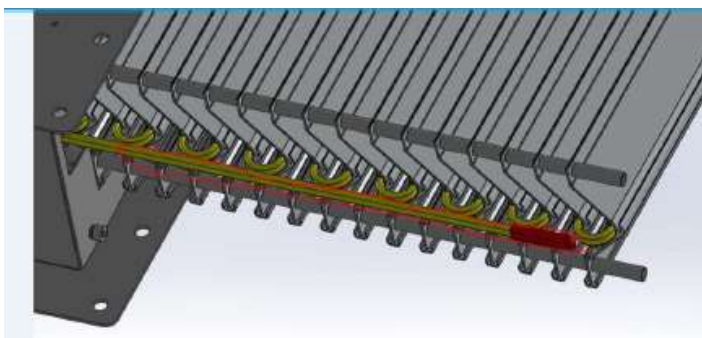
Duration - 5 mins



寒冷环境下除雾器的应用



带电伴热的除雾器



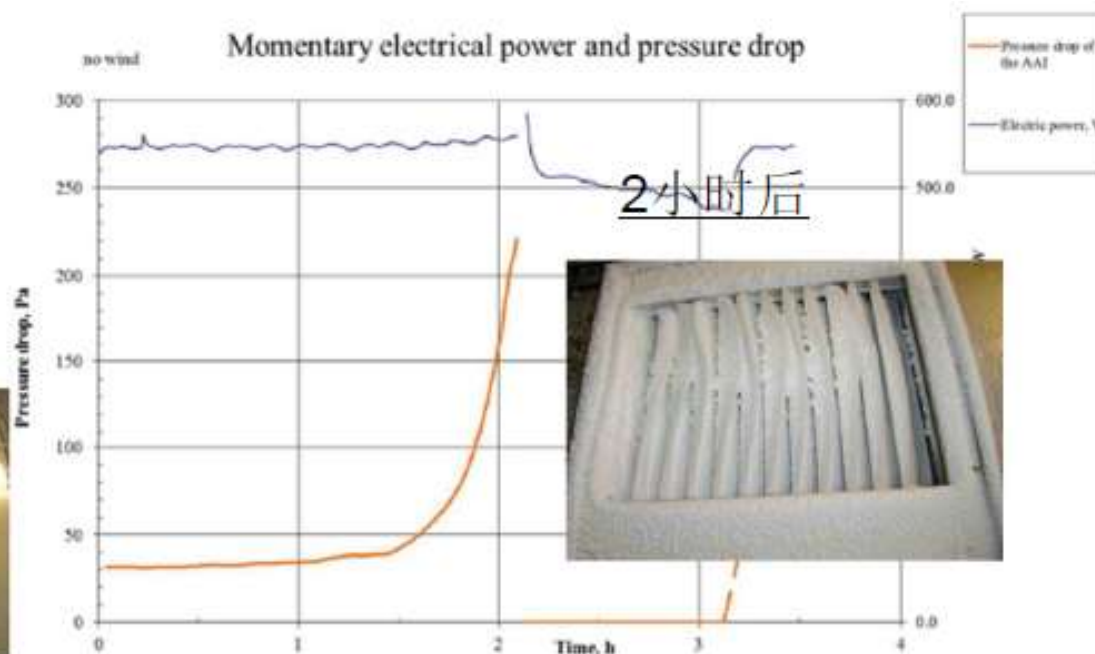
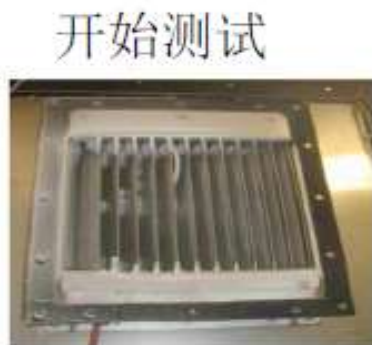
极寒环境下除雾器的应用



极寒环境带来的问题

轮机手册（第3版）

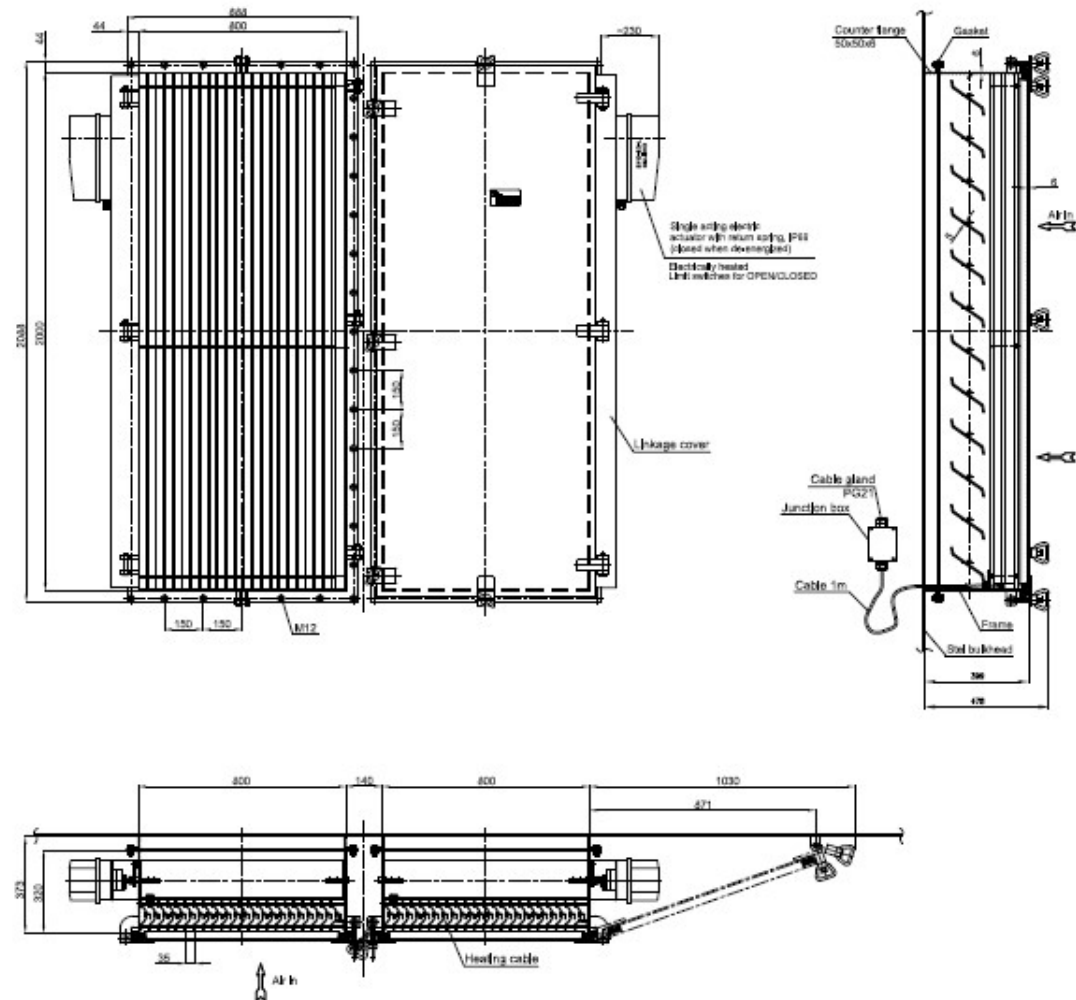
1. 寒冷海域使用电伴热
2. 不结冰最大加热 2.3kW/m^2
3. 融霜最大加热 5.8kW/m^2



Picture xx. AAI 2 Pressure drop and electric power in Test B



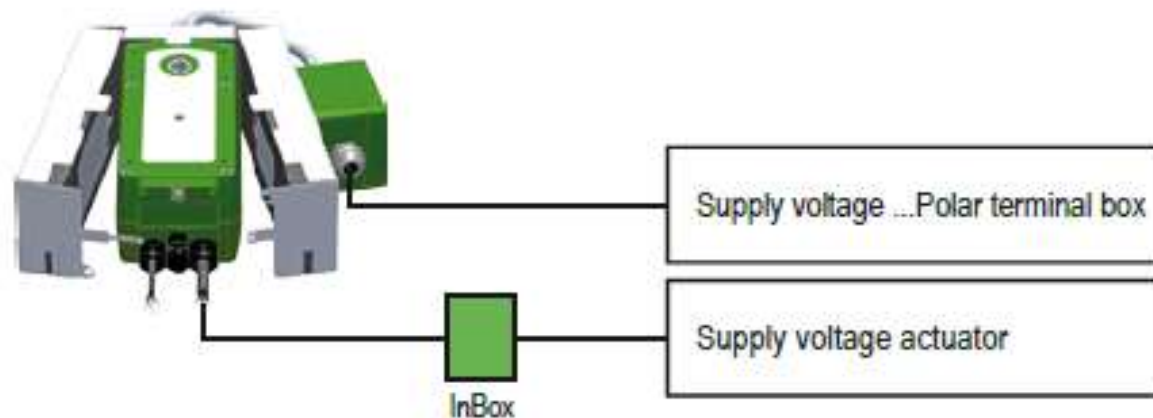
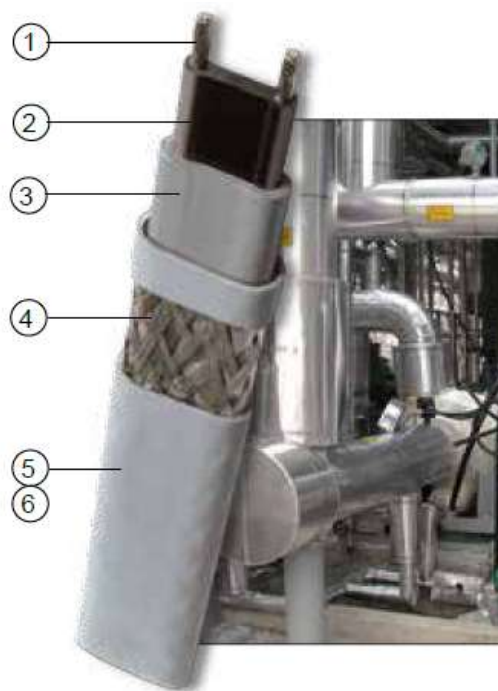
最大3.4kW/m²



极寒环境下的解决方案



国内某船厂极地船方案



实船应用业绩



关于ALWO



28 years in
business
established just after political and economical changes
in Poland
2494 vessels with ALWO equipment on
board
166 orders under production. It is more than in any of the
previous 28 years
100 employees
5000 m² of roofed
area
10000 m² of total
area



关于ALWO



关于ALWO

