

Main PRODUCTS

Hull Outfittings

ACC. LADDER, PILOT SLANT LADDER
PILOT ROPE LADDER REEL
WINCH & MOTOR
WHARF LADDER
DAVIT, CAPSTAN
DECK MACHINERY

Accommodation Outfittings

WINDOW WIPER
CLEAR VIEW SCREEN
SUN SCREEN

New Products

HELIDECK
CABLE REEL FOR AMP SYSTEM



JUNG-A MARINE CO., LTD.

HEAD OFFICE & 1ST FACTORY
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TEL: 82-51-831-4147~9

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Oversea / E-mail : trade@jung-a.co.kr

2ND FACTORY
1489-1, Songjeong-dong, Gangseo-gu, Busan, Korea

3RD FACTORY
24, Jangpyeong-ri, Yongnam-myeon, Tongyeong-si, Gyeongsangnam-do, Korea



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JUNG-A MARINE

Accommodation Outfittings



JUNG-A MARINE

History of JUNG-A MARINE

We are happy to be able to tell you that for the past 33rd years we have been engaged in manufacturing & exporting a great variety of out-fittings to all over the world spreading a good reputation. Our excellent organization of conducting, manufacturing (export business) and close connections with the best sources of material supply have enabled us to supply goods in the best quality at competitive prices.

1970

1978. 05. Established Jung-A company and started to produce aluminum ladder.

1981. 04. Built a factory at 339-9, Jangnim-dong, Saha-gu, Busan and changed a former name to Jung-A Ship Stores Plant and started to produce shipbuilding equipments.

1984. 03. Joined Korea Shipbuilding Industry Cooperative.

1980

1990

- 1986. 01. Incorporated Jung-A Ship Stores Plant (Representative director : Yum Jeong-min)
- 1986. 07. Selected as a company for Small & Medium Business Interrelationship shipbuilding Joint Project, and produced shipboard Clear View Screen, Window Wiper, Accommodation Ladder, and Wharf Ladder.
- 1988. 12. Developed Clear View Screen Gas-Tight Type.
- 1990. 10. Appointed as Metal Committee Member for Quality Control from Industrial Advancement Administration.
- 1991. 02. Acquired "Q-Mark" on ladder from Korea Testing & Research Institute for Chemical Industry.
- 1996. 08. Moved to a new head office at 316-35, Jangrim-1dong, Saha-gu, Busan (Area: 1,650m², Building site: 660m²)
- 1997. 08. Yum Dae-bum appointed as a representative director.
- 1997. 10. Acquired WPS Certification. (AL 6061-T6)-LR
- 1998. 05. Acquired WPS Certification. (STEEL)-KR
- 1998. 07. Acquired WPS Certification. (AL)-DNV
- 1998. 11. Acquired ISO9001 Certification. (Accommodation Ladder)-DNV

2000

- 2001. 02. Moved to a new head office and factory in Noksan Industrial Complex at 1496-5, Songjeong-dong, Gangseo-gu, Busan (Area: 6,600m², Building site: 3,300m²)
- 2002. 08. Developed shipboard Sun Screen.
- 2003. 10. Developed Edge Self Parking Wiper.
- 2004. 01. Acquired WPS Certification.(STEEL)-DNV
- 2004. 05. Acquired WPS Certification.(STEEL)-LR
- 2004. 12. Acquired WPS Certification.(STEEL)-RINA
- 2005. 03. Acquired Sun Screen Type Approval Certification-ABS
- 2005. 09. Changed to Jung-A Marine Co., Ltd.
- 2006. 02. Acquired WPS Certification.(AL)-GL
- 2006. 07. Acquired Wiper and CVS Motor Certification.
- 2006. 12. Achieved total sales of KRW 205hundred million in 2006.
- 2007. 08. Acquired WPS Certification.(AL 5083)-LR
- 2007. 09. The first order received of the helideck.
- 2007. 10. Marine Week 2007 Exhibitor
- 2008. 10. Approved Research Institute by Government.
- 2008. 12. Promising Export Firm by SMBA of Korea
- 2009. 03. Achieved "Q"- mark (From Samsung Heavy Industries Co., Ltd.)
- 2009. 04. Certificated ISO 17899 for Window Wiper
- 2009. 11. Granted USD5 Million Export award
- 2009. 12. Achieved annual sales of 42 Billion won
- 2010. 11. Granted USD10 Million Export award
- 2011. 08. Acquired ISO14001 Certification
- 2011. 08. Acquired OHSAS18001 Certification

Main Factory

Marine Innovation for tomorrow

JUNG-A MARINE CO., LTD. Has progressed in professional manufacturing of ship's out fittings (accommodation ladder, wharf ladder, clear view screen, window wiper, davit, portable ladder and etc.).

We are happy to be able to tell you that for the past 33rd years we have been engaged in manufacturing & exporting a great variety of out fittings to all over the world spreading a good reputation. Our excellent organization of conducting, manufacturing (export business) and close connections with the best sources of material supply have enabled us to supply goods in the best quality at competitive prices.

So we convince that we can compete successfully in both quality and price.
We welcome your interest in our company and products and remain with best regards.

Panoramic view of the Company

Main Factory 1469-5 Songjeong-Dong, Gangseo-Gu, Busan, Korea

Main Business List

ACC. LADDER	: VERTICAL STOWING SYSTEM / HORIZONTAL STOWING SYSTEM 180° TURN-OVER STOWING SYSTEM / TELESCOPIC SYSTEM	WINDOW WIPER	: EDGE SELF PARKING TYPE / STRAIGHT-LINE TYPE / PANTOGRAPH TYPE
WHARF LADDER	: SOLID GIRDER TYPE / CURVED STEP TYPE	CLEAR VIEW SCREEN	: GAS TIGHT TYPE / WEATHER PROOF TYPE
		SUN SCREEN	: SPRING ROLLER BLIND TYPE / CHAIN CLUTCH TYPE

JUNG-A 2nd Factory

www.jung-a.co.kr



2nd Factory
1489-1, Songjeong-dong, Gangseo-gu, Busan, Korea

Main Business List

- ROPE LADDER REEL : FIXED TYPE / TRAVELLING TYPE
- WINCH & MOTOR : ELECTRIC TYPE / AIR DRIVEN TYPE
- DECK MACHINERY : DAVIT / FIRE WIRE REEL / CAPSTAN

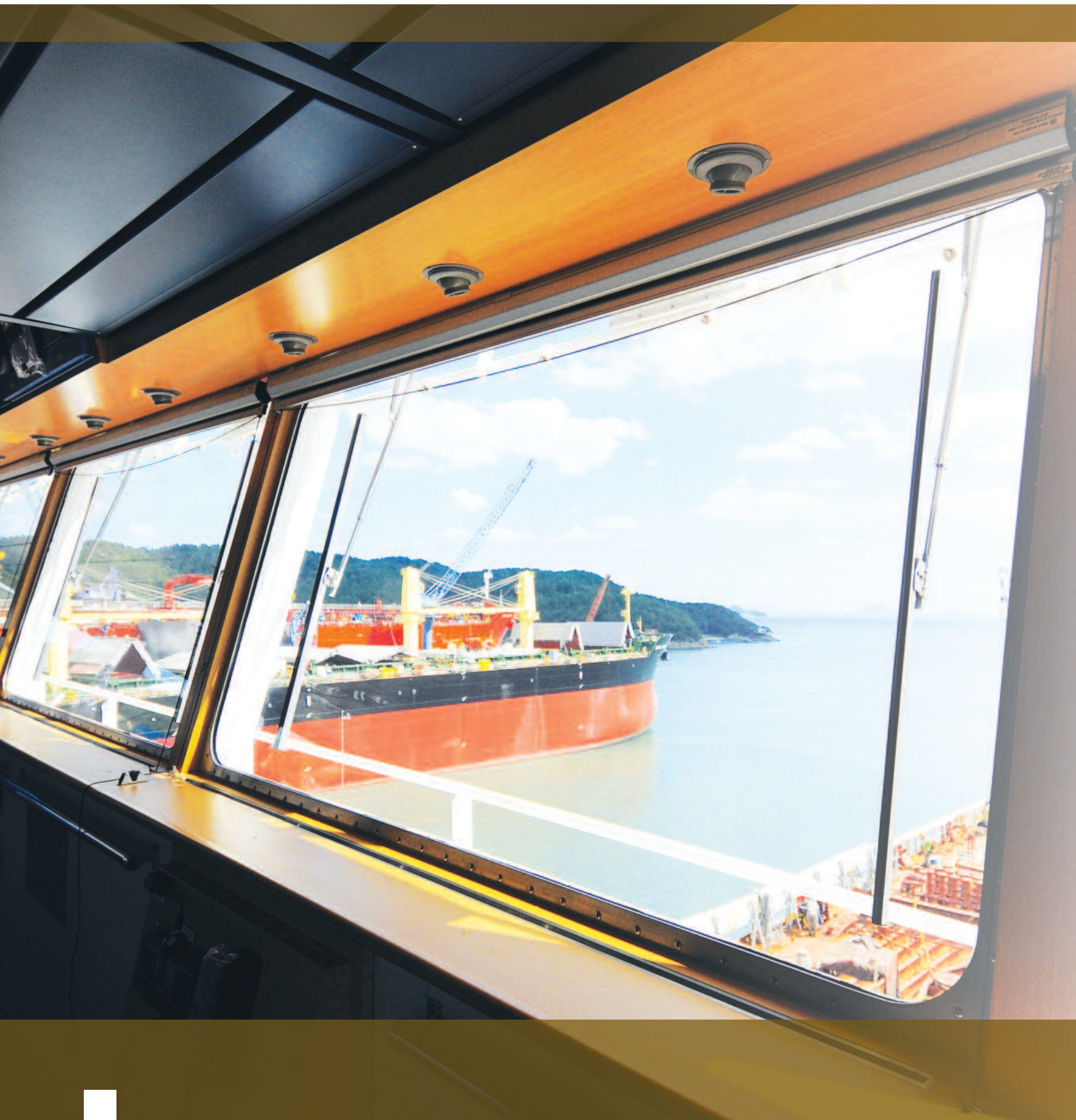
JUNG-A 3rd Factory (Tongyeong)



3rd Factory
24, Jangpyeong-ri, Yongnam-myeon,
Tongyeong-si, Gyeongsangnam-do, Korea

Main Business List

- HELIDECK
- HATCH
- CABLE REEL FOR AMP SYSTEM
- SPECIAL ORDER PRODUCT



General Description

WINDOW WIPER

윈도우 와이퍼는 배의 조타실 유리에 설치하여 비와 파도 등의 기상조건에서 선박의 원활한 운항을 돕고자 설치하는 제품으로 선화창(CLEAR VIEW SCREEN : C.V.S)에 비해 넓은 시야가 확보되며 창문이 닦이는 형상과 작동방법에 따라 여러 사양이 있다.

Window wiper is installed at the front window of the ship's wheel house in order to take much wider look in comparison with clear view screen. There are various kinds of window wipers according to the wiping style of window and the operating method.

ISO 17899 CERT.



STEPS TOWARDS THE FUTURE

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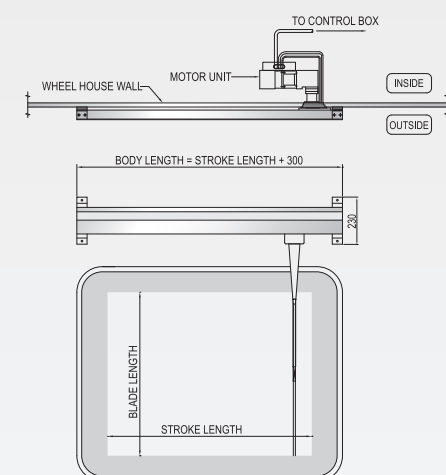
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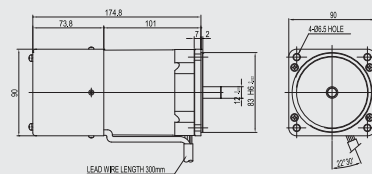
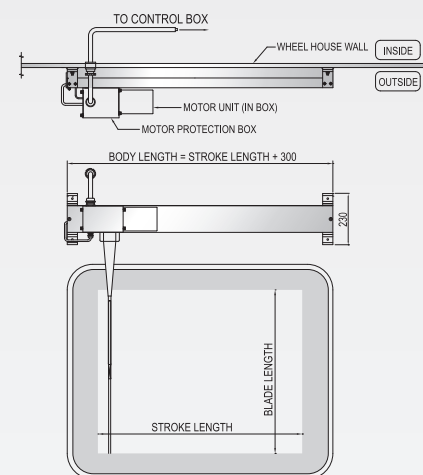
STRAIGHT LINE SINGLE BLADE TYPE



INSIDE MOTOR CABIN TYPE



OUTSIDE MOTOR CABIN TYPE



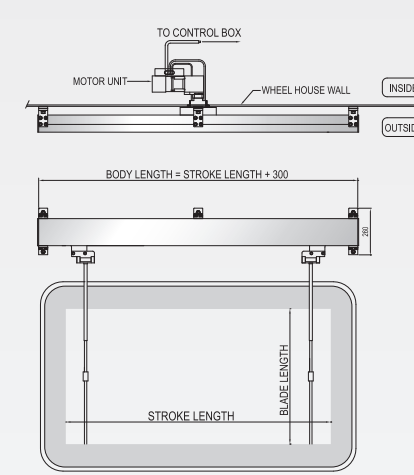
Motor Spec

		Two - Speed	Variable Speed	Type	Induction Motor
Stroke (max)		2600mm	2600mm	Output	120W
Arm (max)		1000mm	1000mm	Rating	continuous
Blade (max)		1000mm	1000mm	R. P. M	90 ~1700
Speed (cycle / min)		Low : 16 ± 5 cycle High : 32 ± 5 cycle	(16 ~ 32) ± 5 cycle	Enclosure	IP 20 (inside motor cabin) IP 67 (outside motor cabin)
Power source		AC 110V / 220V, 1Ø/3Ø, 50Hz / 60Hz			
Weight	inside (max)	27.5kg	27.5kg	Insulation	F class
	outside (max)	32.5kg	32.5kg	Ice class	- 40°

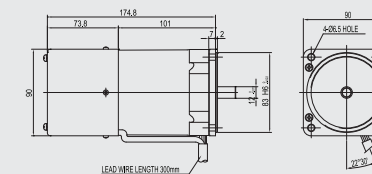
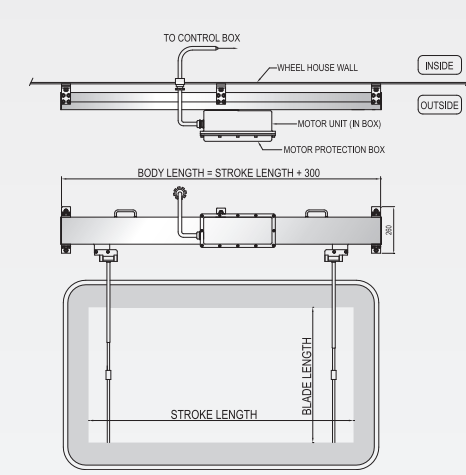
STRAIGHT LINE TWIN BLADE TYPE (EDGE SELF PARKING) A



INSIDE MOTOR CABIN TYPE



OUTSIDE MOTOR CABIN TYPE



Motor Spec

		Two - Speed	Variable Speed	Type	Induction Motor
Stroke (max)		2600mm	2600mm	Output	120W
Arm (max)		1000mm	1000mm	Rating	continuous
Blade (max)		1000mm	1000mm	R. P. M	90 ~1700
Speed (cycle / min)		Low : 16±5 cycle High : 32±5 cycle	(16 ~ 32)±5 cycle	Enclosure	IP 20 (inside motor cabin) IP 67 (outside motor cabin)
Power source		AC 110V / 220V, 1Ø/3Ø, 50Hz / 60Hz			
Weight	inside (max)	38kg	38kg	Insulation	F class
	outside (max)	43kg	43kg	Ice class	- 40°

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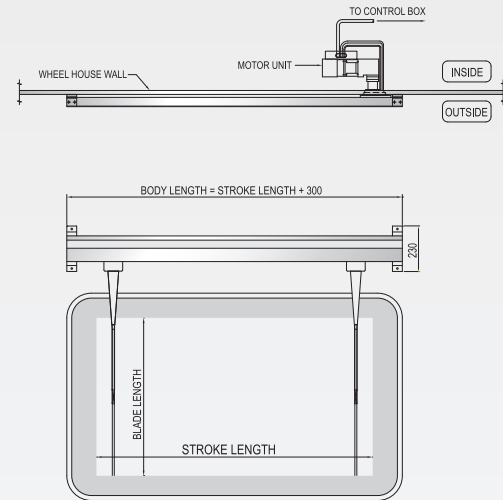
STRAIGHT LINE TWIN BLADE TYPE
(EDGE SELF PARKING) B

PANTOGRAPH TYPE

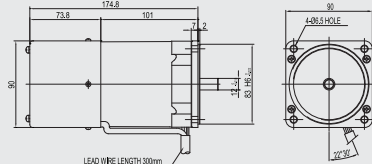
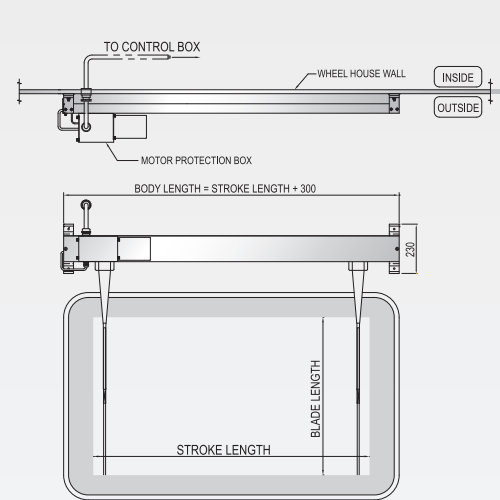
Accommodation Outfittings / Window Wiper



INSIDE MOTOR CABIN TYPE



OUTSIDE MOTOR CABIN TYPE



	Two - Speed	Variable Speed
Stroke (max)	2600mm	2600mm
Arm (max)	1000mm	1000mm
Blade (max)	1000mm	1000mm
Speed (cycle / min)	Low : 16±5 cycle High : 32±5 cycle	(16 ~ 32)±5 cycle
Power source	AC 110V / 220V, 1ø/3ø, 50Hz / 60Hz	
Weight	inside (max)	29kg
	outside (max)	34kg

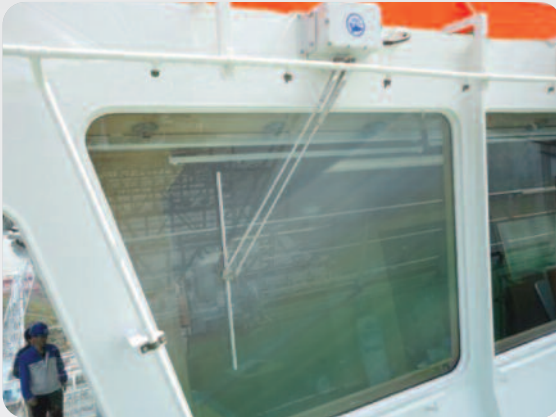
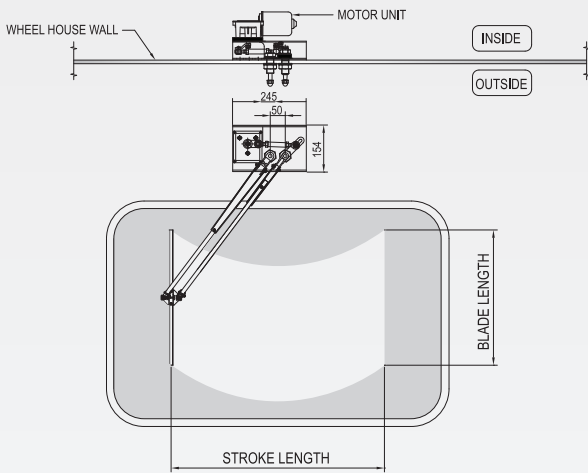
Motor Spec

Type	Induction Motor
Output	120W
Rating	continuous
R. P. M	90 ~ 1700
Enclosure	IP 20 (inside motor cabin) IP 67 (outside motor cabin)
Insulation	F class
Ice class	- 40°

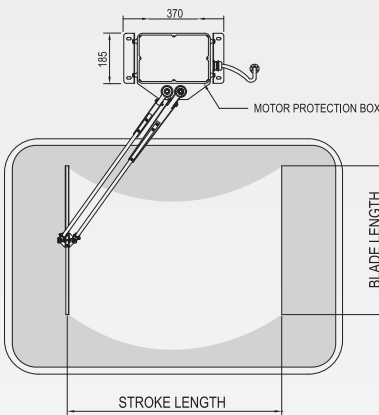
Accommodation Outfittings / Window Wiper



INSIDE MOTOR CABIN TYPE
SINGLE BLADE



OUTSIDE MOTOR CABIN TYPE



CE CERT.



Motor Spec

	Two - Speed		Variable Speed	
	inside	outside	inside	outside
Stroke (max)	1800mm	1300mm	1800mm	1300mm
Arm (max)	1000mm	1000mm	1000mm	1000mm
Blade (max)	1000mm	1000mm	1000mm	1000mm
Speed (cycle / min)	Low : 25±5 cycle High : 50±5 cycle	Low : 25±5 cycle High : 50±5 cycle	(25 ~ 50)±5 cycle	(25 ~ 50)±5 cycle
Power source	AC 110V / 220V, 1ø/3ø, 50Hz / 60Hz			
Weight	8kg	13kg	8kg	13kg

Type	DC Motor
Output	50W, 80W
Rating	continuous
R. P. M	3100 ± 100
Enclosure	IP 23 (inside motor cabin) IP 56 (outside motor cabin)
Insulation	F class

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WIPER CONTROL

NAVY WIPER



• Digital Controller



• Two Speed Controller



• Individual Controller



• Variable Speed Controller

CE CERT.



1) Basic Spec. by Speed

(Straight Line Type)

- (1) Variable Speed Type The minimum speed 16±5 cycle/min, The maximum speed 32±5 cycle/min.
(2) Two-Speed Type The low speed 16±5 cycle/min, The high speed 32±5 cycle/min.

(Pantograph Type)

- (1) Variable Speed Type The minimum speed 25±5 cycle/min, The maximum speed 50±5 cycle/min.
(2) Two-Speed Type The low speed 25±5 cycle/min, The high speed 50±5 cycle/min.

2) Additional option Spec. by Function

- (1) Intermittent Mode Periodically operating function at regular intervals(2sec, 4sec, 6sec)
(2) Self-Parking It has sensors inside the wiper. so it may return to the original place when wiper is stopping.
(3) Heating Function It can be worked by -40℃ whenever the ship in going to pole and lower temp. area
(4) Master Function It can be used from 2sets up to 21sets simultaneously.

1)속도 제어 방식

[Straight line type]

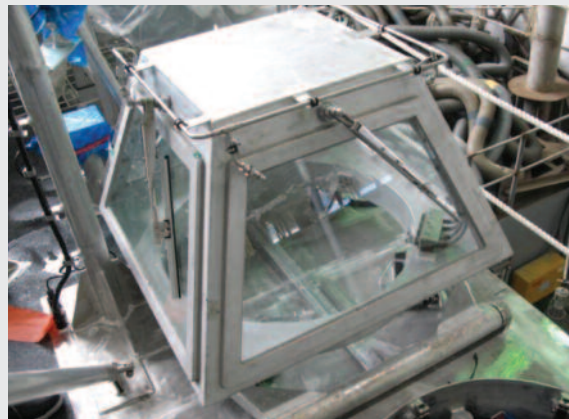
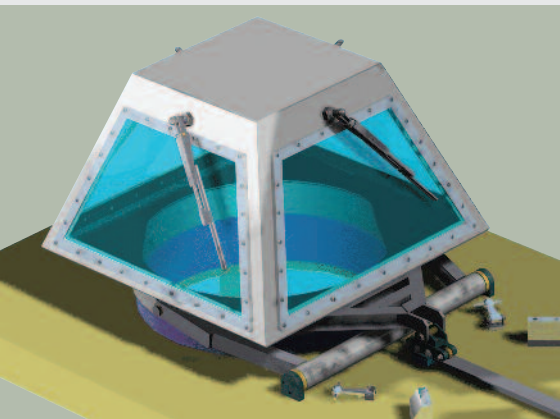
- (1)가변속도 제어방식 (Variable Speed Type) 속도제어를 최저 : 16±5 ~ 최고 : 32±5 회전 / 분 사이를 속도 제한한다.
(2)두가지 속도 제어방식 (Two Speed Type) 속도제어를 저속 : 16±5, 고속 : 32±5 회전 / 분 두가지 속도를 제한한다.

[Pantograph type]

- (1)가변속도제어방식 (Variable Speed Type) 속도제어를 최저 : 25±5 ~ 최고:50±5 회전 / 분 사이를 속도 제한한다.
(2)두가지 속도 제어방식 (Two Speed Type) 속도제어를 저속 : 25±5, 고속 : 50±5 회전 / 분 두가지 속도를 제한한다.

2)속도 제어 외 기능

- (1)간헐적 기능 일정한 간격 (2초, 4초, 6초)을 두고 주기적으로 작동시키는 기능이다.
(2)자동 정위치 정지기능 와이퍼내부에 센서를 내장하여 와이퍼작동, 정지시 출발 지점에서 정지하는 기능이다.
(3)히터 기능 선박이 극지방이나 추운 겨울 항해시 와이퍼를 해빙시켜 주는 기능을 한다. (-40℃까지 작동 가능하다)
(4)마스터 기능 와이퍼를 개별작동 또는 마스터 기능을 이용하여 최소 2Sets 부터 최대 21Sets 까지 동시에 작동 시키는 기능이다.



General Description

CLEAR VIEW SCREEN

선회창은 선박의 조타실 앞쪽 유리에 설치하여 비와 파도 등의 기상 조건에서 선박의 운항에 지장을 주지 않기 위해 설치하는 제품으로 알루미늄 본체에 유리 회전판을 달아 비가 오면 원심력을 이용하여 물방울을 튕겨내는 제품이다.

Clear view screen is installed at front window of the ship's wheel house so that the ship can move safely under the bad weather condition in case of rain or snow and ice.
It throws off the water out by using the centrifugal force with rotating screen made of aluminum and glass.



▲ Weather proof type



▲ Gas tight type

CE CERT.



STEPS TOWARDS THE FUTURE

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STEPS TOWARDS THE FUTURE

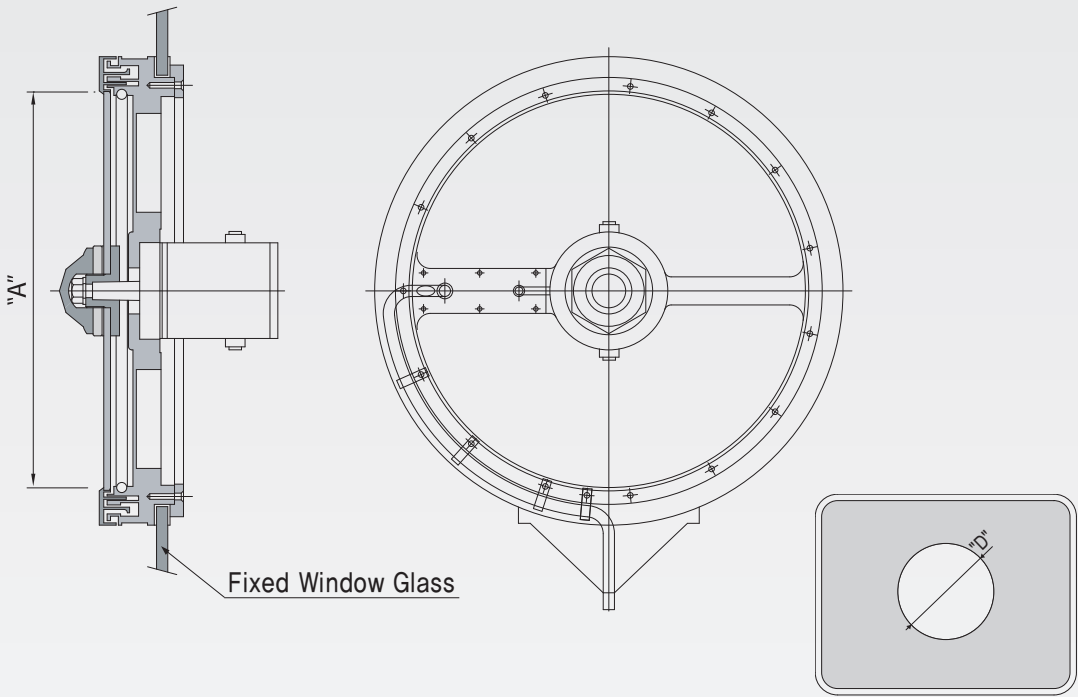
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CLEAR VIEW SCREEN

Accommodation Outfittings / Clear View Screen



1. Kinds of clear view screen (선회창의 종류)

1) Weather proof type

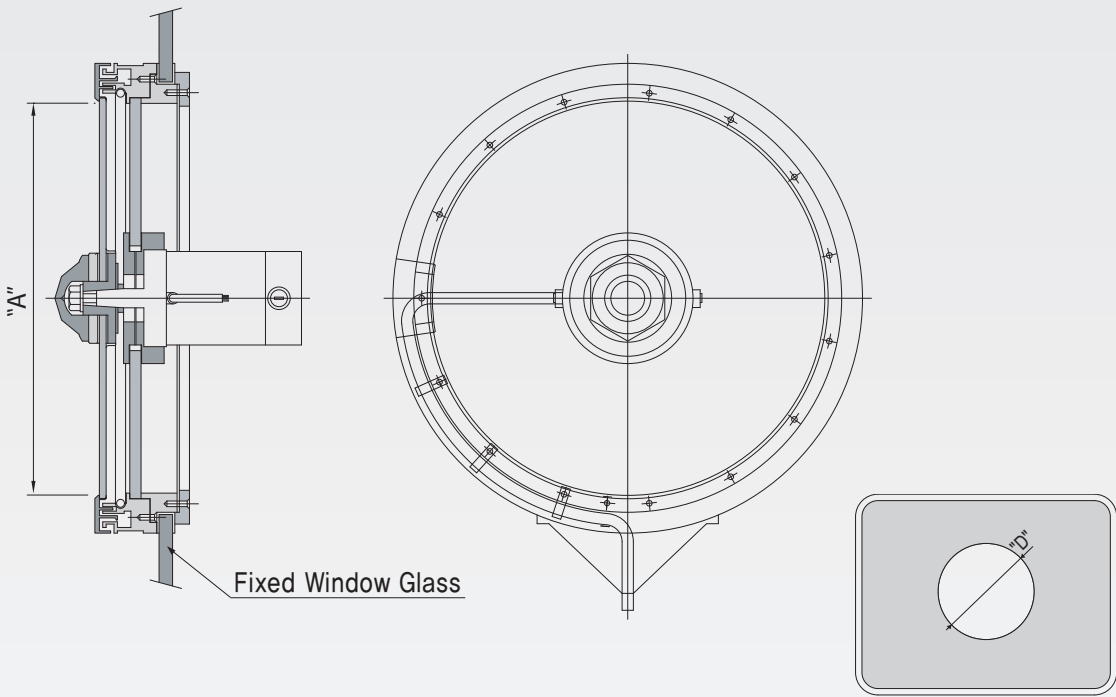
This type is used for container, bulk carrier, passenger ship. Ø300 and Ø350 size can be generally used.

1) 비·바람이 방어되는 형식(KYJ-H)

일반적인 타입으로 컨테이너선, 살물선, 여객선 등에 이용된다. 크기로는 Ø300, Ø350 등이 일반적으로 쓰인다.

Specifications

Model No.	Clear Size("A")	Power	Motor Output	Heater Output	Screen Revolution (R.P.M)	Thickness of Revolving Screen Glass	Fixed Window Glass"T"	Weight	Fixed Window Glass Cutting Size "D"
KYJ-250-H	Ø250	DC 24V AC110, 220V	60W	150W	1900±200	6.0 mm	6.0mm ≤ T ≤ 16mm	ABT 7kg (Including all accessory)	274±0.5mm
KYJ-300-H	Ø300	DC 24V AC110, 220V		170W				ABT 8.2kg (Including all accessory)	324±0.5mm
KYJ-350-H	Ø350	AC110, 220V	80W	200W	1800±200	8.0 mm	10mm ≤ T ≤ 29mm	ABT 10kg (Including all accessory)	382±0.5mm



2) Gas tight type

This type is used for tank ship, war ship(naval ship), sea police vessel, which is made to protect fine powder, dust and gas etc. Ø300 and Ø350 size can be generally used.

2) 가스방어형식(KYG-H)

이 타입이 이용되는 선박의 종류는 탱크선이나 석탄 운반선, 군함, 해경선이며 미세한 가루나 먼지, 가스 등의 차단을 목적으로 사용할 때 적용한다. 크기는 Ø300, Ø350 등이 일반적으로 쓰인다.

Specifications

Model No.	Clear Size("A")	Power	Motor Output	Heater Output	Screen Revolution (R.P.M)	Thickness of Revolving Screen Glass	Fixed Window Glass"T"	Weight	Fixed Window Glass Cutting Size "D"
KYG-300-H	Ø300	DC 24V AC110, 220V	60W	170W	1900±200	6.0 mm	8.0mm ≤ T ≤ 16mm	ABT 10kg	324±0.5mm
KYG-350-H	Ø350	AC110, 220V	80W	200W	1800±200	8.0 mm	10mm ≤ T ≤ 29mm	ABT 13kg	382±0.5mm

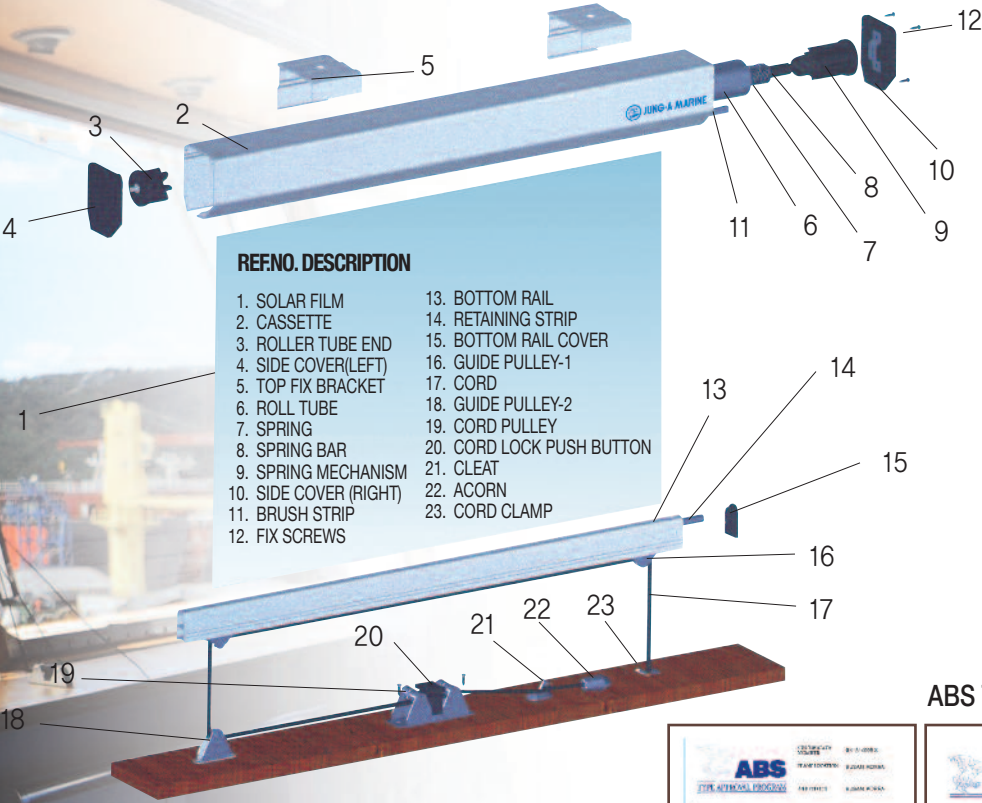
Accommodation Outfittings / Clear View Screen

General Description

SUN SCREEN

선크린은 조타실에 설치되는 제품으로서 강력한 햇빛, 오존, 자외선 물질 등을 차단하여 안전하며 쾌적한 운항을 가능하게 합니다.
당사 제품은 금속 스프링 사용으로 올림과 내림이 간편하며, 미사용시에는 필름이 케이스 속으로 들어가게 제작 되어 졌습니다.

SUN SCREEN : Sun screen is installed in the wheelhouse. It was developed to sail without problem by preventing itself from strong sunlight, ozone, radiant material. It is made to easy put up and down by using returning power of the metal spring. When it is not used, the film is rolled and gone up into the case.



ABS TYPE APPROVAL



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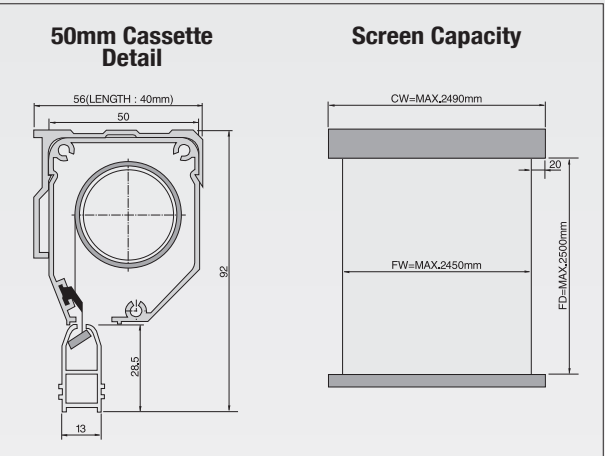
STEPS TOWARDS THE FUTURE

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SUN SCREEN

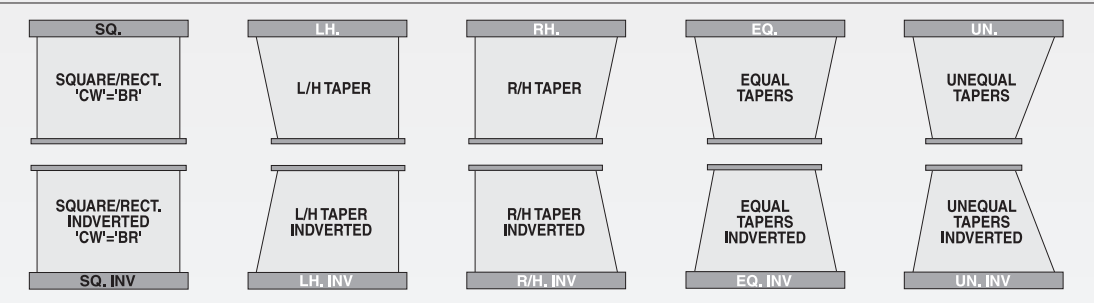
Spring Roller Blind



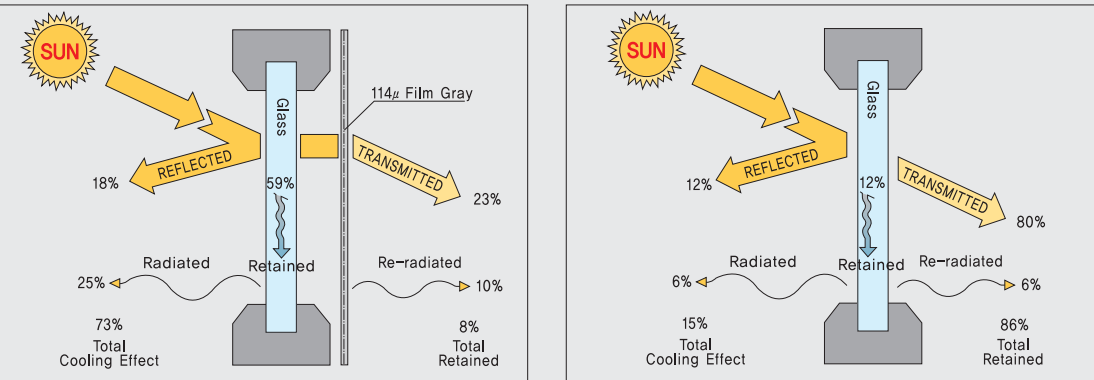
50mm Cassette
Profile is used for spring roller blind
Min. Width.....300mm
Max. Width.....2450mm
Max. Drop.....2500mm
Roller tube 32mm DIA.
300 to 1600mm Wide = 2brackets.
1601 to 2450mm Wide = 3brackets.

Film colour available		
No	Outside	Inside
JGG 10	Gray	Gray
JGS 20	Silver	Gray
JBB 10	Bronze	Bronze
JBS 20	Silver	Bronze

Screen shapes available



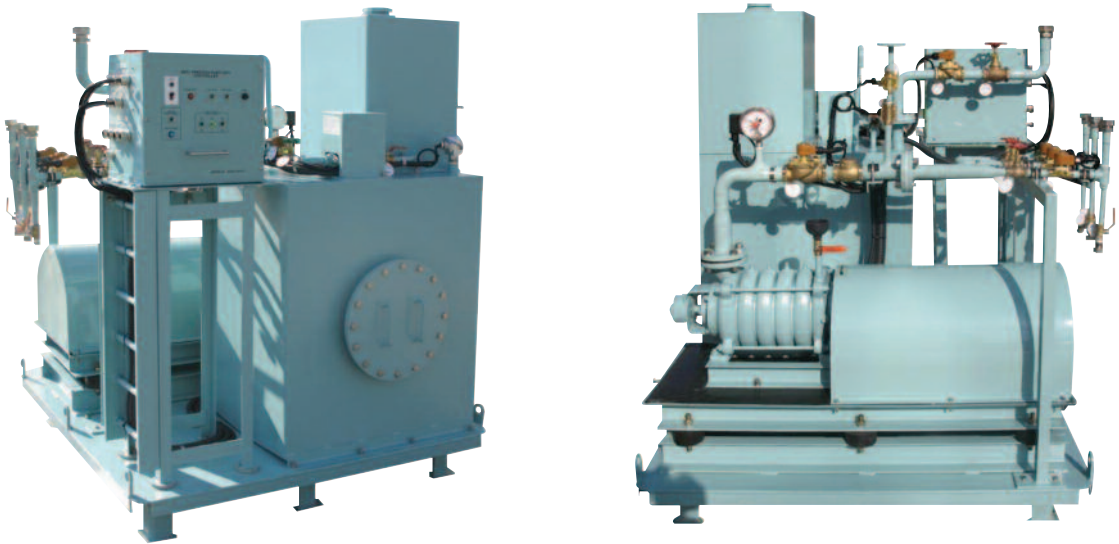
Solar film specifications



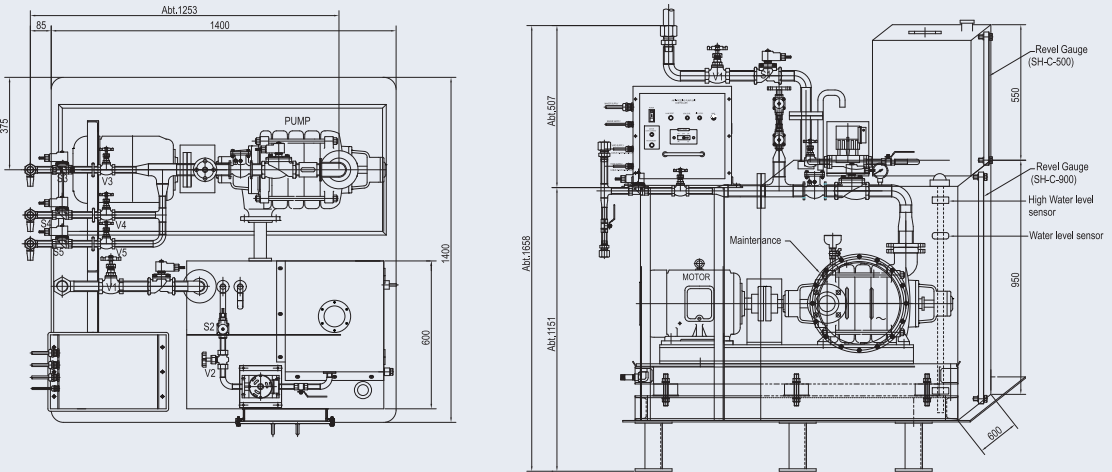
	Film	Glass
% Solar Energy Rejected(Cooling Effect)	73	15
% Visible Light Transmission	8	86
% Ultra Violet Light Rejected	99	99
% Solar Transmission	23	80
% Solar Reflection	18	12
% Solar Absorption	59	12

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ANTI-FREEZING WINDOW WASHING UNIT



Anti-Freezing pump unit은 일반적으로 wheelhouse 아래 deck에 설치되며 pump, motor, 물저장탱크, 부동액저장탱크, 컨트롤러로 구성되어 있으며, 물과 부동액을 혼합하여 분무하는 장치로 wiper controller와 연계하여 시스템이 구성되어진다.
와이퍼 컨트롤러의 water button을 on하면, motor와 pump가 작동되면서 자동으로 물을 공급하는 unit이다.
이 시스템에 대한 제작 및 공급은 설계부와 기술미팅이 반드시 필요하며, 상세한 문의는 당사 영업부로 문의주시기 바랍니다.



Quality Assurance

Our quality products manufactured with the state-of-the-art production facilities are checked through perfect in-house inspection procedures dictated by our thorough quality warranty system. In order to ensure quality products, we are equipped with a perfect process-wise quality control system ranging from acceptance test of materials to shipment. Our various advanced testing facilities, meters and analyzers are combined to assure you of our thorough quality warranty system satisfying you hundred percent.

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- SEKWANG Heavy Industries
- Samho Shipbuilding Co., Ltd.
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