



## Introduction

Man Ship Machinery and Hardware Co., Ltd. Is a well-known and respected manufacturer of chandlery and hardware for the international boatbuilding industry and watersport markets since 1982.

We are proud to say that Man Ship quality fittings are found in many pleasure and luxury boats that are exported from Taiwan each year.

Our expanding product lines include stainless hatches, stainless portholes, stainless dorados, aluminum boat window, yacht fitting, and smart maritime ventilation system.

## Man Ship Smart Maritime Ventilation System

In 2008, the **Smart Engine Room Ventilation System** is developed in cooperation with United Ship Design & Development Center. The system features low energy consumption, automatic 5-stage air flow control, thermostatic control and moisture eliminator. It is perfect for any type of yacht/boat engine room air intake requirement and is available for customization.



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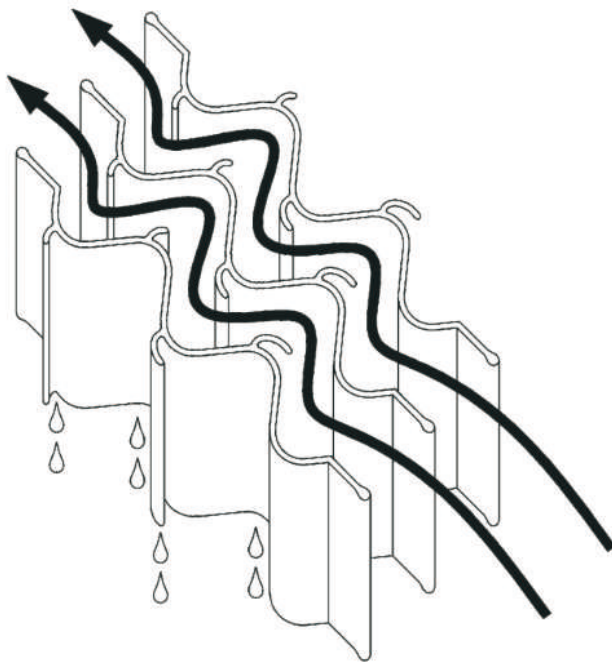
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# Moisture Eliminator

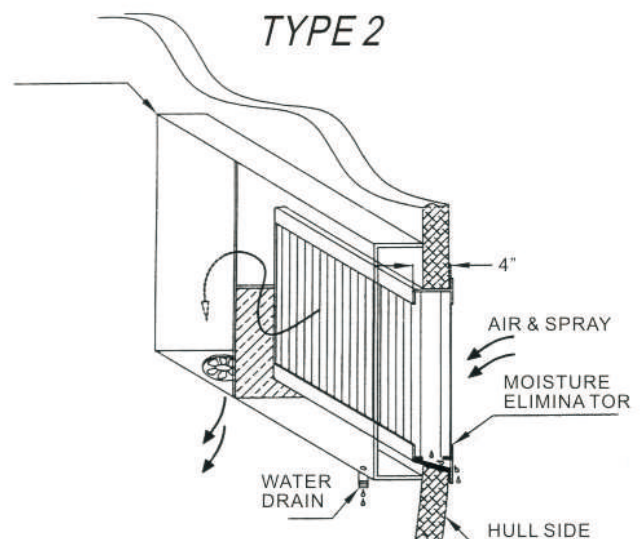
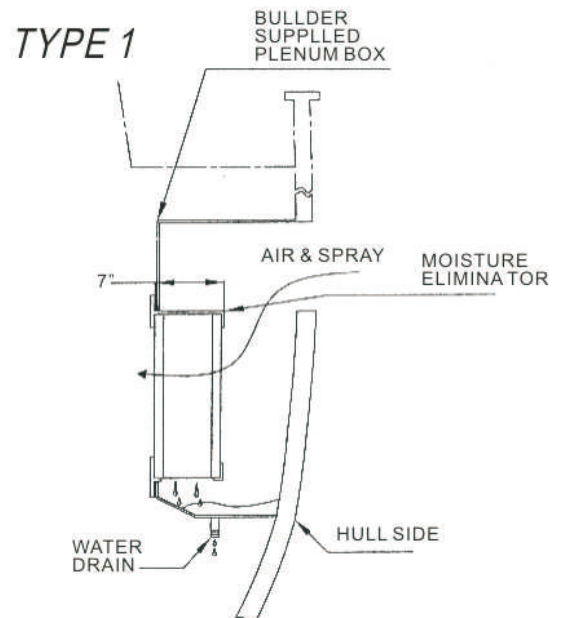
Case PVC  
Blade PVC  
Anti-UV

## Features

- This moisture eliminator is available in individual profiles that are specially curved and shaped to turn the airflow.
- The liquid cannot make the turn as easily as airflow.
- Inertia forces the droplets against the surface of the profile.
- It allows higher velocities without excessive pressure drop.



98 Effective at Removing salt splay  
and Water from Engine room Intake Air









# Aluminum Fire Damper

Aluminum 6063T5



## Features

- In the event of a fire system discharge, the Fire Damper provides for nearly instant actuator closure of ventilation openings, will prevent dilution of the extinguishing agent and prevent additional oxygen to enter the space that spread the fire.
- Rectangular Fire Damper is made of aluminum 6063T5 with power coating. It combines LF spring-return actuator.
- Dampers may also be manually actuated and reset from outside of the damper casing.



LF spring-return Actuators 10 NM,  
95 ° angle of rotation,  
universal clamp for damper spindles.

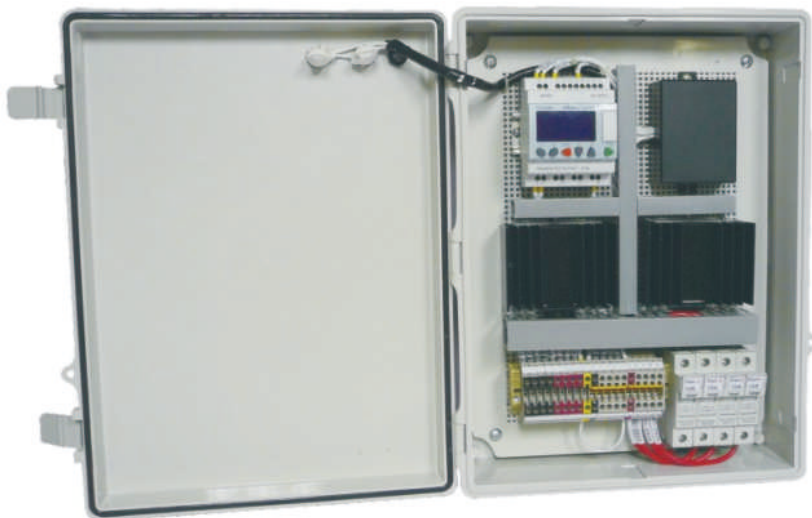
AC 24~240V / DC24~125V 50/60 Hz  
Running time : motor 75s  
Spring return approximate 20s







# Fan Control Box



## Features

- Soft starting of fan motor, protect battery source.
- Directly control fan speed.
- Automatically control fan speed.
- High temperature duration (set able) & alarm signal out put.
- In case temperature sensor out of order, auto mode switch to manual mode automatically, and alarm signal output.
- Temperature monitor range available designated by customer.
- Provide precise power source stabilizer protect precise computer components.
- Extension alarm indicator outside engine room.
- Auto and manual mode.



## Option:

- Interface with touch panel
- Temperature available customer setting
- Extension to wheel house
- Auto and manual and night navigation mode