



**Oceanstar OA/C-Z Series Integral  
Air-conditioner  
Installation and Operation Manual  
Shanghai Oceanstar Air-conditioning  
Technology Co., Ltd.**

**SHANGHAI OCEANSTAR AIR CONDITIONING TECHNOLOGY CO.,LTD.**

## Company Profiles:

Shanghai Ocean Star Air-conditioning Technology Co., Ltd. is mainly engaged in the research, development, manufacture, pre-sales consulting, after-sales service and supply of components of marine air-conditioning equipment. The core team of the company is composed of specialists who have been engaged in the marine and air-conditioning business for 10-30 years. Ocean Star has rich experience of complete sets of marine air-conditioning equipments with wide spread of users. Its business includes public service ships (custom, maritime affairs, public security and maritime administration), reception ship, sightseeing ship, yacht and transportation, etc.



According to the requirement of customers, Ocean Star currently has four series of products: yacht series air-conditioning unit; public service ship series air-conditioning unit; commercial series air-conditioning unit; marine frozen and refrigerated series unit.

The yacht series first introduces the products of self-owned patent property with anti-vibration, anti-shaking, anti-corrosion and compact structure. This series of air-conditioner can select appropriate starting module that can lower the starting current of air-conditioning equipment, which lowers the capacity selection of generator set significantly.

The public service ship series introduces the economic air-conditioner with superior performance. It has long air delivery distance with decoration of air delivery duct, which is economic and beautiful. Various combinations can be provided and different installation types can be selected according to the characteristics of ship, including vertical concealed installation, vertical open installation, floor-type concealed installation, card open installation and top concealed installation, etc. This series of air-conditioner can select the starting module, and also can lower the starting current of the air-conditioning equipment, which lowers the capacity selection of generator set significantly.

Commercial series introduces the commercial cabinet air-conditioner, commercial modular chiller, commercial frequency conversion chiller, AHU and commercial direct-expansion unit. Commercial cabinet series air-conditioner can introduce fresh air directly from outdoor according to engineering

requirement so as to meet the fresh air requirement of used space. Modular chiller can achieve optimization according to the marine used space and usage rate. It realizes the best economy and the largest system security through configuration of modular units. Commercial frequency conversion series chiller uses N sets of common modular units with one set of frequency conversion modular unit to lower the starting current of unit, increase the control accuracy and improve unit energy efficiency. Commercial direct-expansion unit completes the refrigeration cycle mainly through connecting centralized air handling unit with condensing unit in the cabin. This series of air-conditioner adopts centralized air supply and return mode, and can realize full fresh air operation in transition season, achieving air handling such as dust removal, refrigeration, heating and humidification.

The production and sales headquarters of Oceanstar is in Shanghai. Oceanstar also sets up the offices respectively in Zhuhai, Dalian and Xiamen, and sets up the user service stations respectively in Hangzhou, Qingdao and Jiamusi.

Oceanstar has obtained ISO9001-2008 authentication by International Standardization Organization. We will provide a series of services such as pre-sales consulting, system design, debugging guidance, maintenance and supply of spare parts for customers. Customer service has been one of the aspects what our company values most.

Oceanstar has always been insisting on and implementing the management principle of integrity first, service priority, customer satisfaction, continuous improvement and the service principles of rapid, professional, circumspect, normative. We have received deeply trust and praise from vast majority of users.

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Contact Information of Oceanstar