



Yixing Aipu Air System Equipment Co., Ltd

aipukqdl.com



## Maximize Your Industrial Efficiency with Mechanical Vapor Recompression A High-Performance Solution

Our Product Introduction

for more products please visit us on [aipukqdl.com](http://aipukqdl.com)

### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Certification: CE CCC SABS TUV RoHS
- Price: Negotiable
- Packaging Details: Standard Export Package
- Delivery Time: 6-8 workdays



### Product Specification

- Compressor Type: Centrifugal
- Frequency: 50Hz
- Power Source: Electricity
- Material: Stainless Steel

## Product Description

### Product Description:

The cooling method for this compressor is air-cooled, which makes it ideal for use in environments where water cooling is not practical or available. This feature also helps to reduce the overall operating costs of the device, as there is no need for a separate cooling system. In addition to its powerful performance, the Vapour Compressor also features a Thermal Expansion Unit that helps to regulate the temperature and pressure of the compressed air. This ensures that the air is delivered at a consistent temperature and pressure, which is important for many industrial applications.

The Vapour Compressor is also equipped with a Vapor Explosion Suppressor, which helps to prevent explosions and other hazards that can occur in compressed air systems. This feature helps to ensure the safety of workers and equipment, and is an important consideration for any industrial application.

With a frequency of 50Hz, the Vapour Compressor is suitable for use in a wide range of industrial applications, including manufacturing, construction, and more. Its powerful performance, reliable operation, and efficient design make it an excellent choice for any business that requires compressed air for their operations.

### Features:

**Product Name:** Vapour Compressor

**Compressor Type:** Centrifugal

**Power Source:** Electricity

**Motor Type:** Induction

**Models:** Vapour Compressor

This Vapor Compressor is a powerful Gas Compression System designed to provide reliable performance in industrial settings. With its Centrifugal Compression type, this compressor is capable of handling a wide range of gases with ease, making it ideal for use in a variety of applications. Powered by electricity and featuring an Induction Motor Type, this compressor is both efficient and cost-effective. It is capable of delivering the power and performance you need to get the job done. Whether you need a compressor for your Boiler Condensate Pump or any other industrial application, the Vapor Compressor is the perfect choice.

### Applications:

The Vapour Compressor is an ideal machine for a variety of product application occasions, including but not limited to:

#### Industrial refrigeration

High salt wastewater treatment

Used for concentrating high salt wastewater (such as sodium chloride, sodium sulfate, etc.) to achieve zero discharge of wastewater (ZLD).

Acid base concentration

The acidic or alkaline vapor generated during the compression evaporation process is used for the purification and recovery of acid/alkali solutions.

Crystallization separation

Used for solution concentration and crystallization in the production process of salts, fertilizers, inorganic chemicals, etc.

Pharmaceutical and Bioengineering

Concentrate the medicinal solution

Used for low-temperature evaporation and concentration of antibiotics, vitamins, traditional Chinese medicine extracts, etc., to retain active ingredients.

Fermentation liquid treatment

Concentrate the fermented waste liquid or product liquid to reduce subsequent drying energy consumption.

Solvent Recovery

Compressing organic solvent vapors (such as ethanol and methanol) to achieve recycling.

#### Food and beverage processing

Dairy processing

Used for low-temperature concentration of milk and whey protein to avoid high temperature damage to nutrition.

Juice/Syrup Concentrate

Evaporate water at low temperatures to preserve flavor and color.

Production of monosodium glutamate/yeast extract

Efficiently concentrate fermentation broth to reduce energy consumption.

#### Environmental Protection and Wastewater Treatment

Zero discharge of industrial wastewater (ZLD)

Dealing with high COD and high salt wastewater from industries such as electroplating, printing and dyeing, and petrochemicals.

Treatment of landfill leachate

Compressing and evaporating the steam in the leachate to achieve reduction and resource utilization.

Waste acid/alkali recovery

Recycling and utilizing industrial waste acid and alkali through MVR system.

#### Desalination of seawater and salt chemical industry

Concentrating seawater to produce salt

Replacing traditional multi effect evaporation significantly reduces energy consumption in salt production.

Refined brine

Used for brine concentration in the extraction process of lithium, bromine and other elements.

#### Other industrial sectors

paper industry

Treat black liquor or papermaking wastewater, recover alkali and heat energy.

petrochemical industry

Compressing oily wastewater steam to achieve oil-water separation and recovery.

Power industry

Used for the evaporation treatment of desulfurization wastewater or condensate in power plants.

The Vapour Compressor is a versatile and reliable machine that is an essential component of many industrial processes. Its efficient design and high-quality manufacturing make it a valuable tool for any industrial operation. The Vapour Compressor is available at a negotiable price and comes with standard export packaging. Delivery time is typically 6-8 workdays, making it a convenient and accessible solution for many industries.

### Customization:

Customize your Aipu Vapour Compressor with our product customization services. Our product is made in China with high-quality stainless steel and is certified with CE, CCC, SABS, TUV, and RoHS. The price is negotiable and comes with standard export packaging. The delivery time is 6-8 workdays with a frequency of 50Hz and flow rate of 1000L/min. The dimensions of the product are 100cm X 50cm X 80cm and the cooling method is air-cooled.

Personalize your Vapour Compressor with our customization options. We offer customization for the condensation pump and other product attributes to meet your specific needs. Contact us today to discuss your customization options.

### Support and Services:

The Vapour Compressor product comes with comprehensive technical support and services to ensure optimal performance and maximum efficiency. Our team of experienced technicians is available to provide product installation, commissioning, and maintenance services. We also offer training programs to educate users on the proper operation and maintenance of the equipment. In addition, we provide troubleshooting assistance and spare parts replacement services to minimize downtime in the event of equipment failure. Our commitment to customer satisfaction is reflected in our after-sales support, which includes ongoing technical support and remote monitoring services.

### Packing and Shipping:

Product Packaging:

Each Vapour Compressor unit is carefully packed in a sturdy cardboard box with foam inserts to prevent any damage during transportation. The box is labeled with product specifications and handling instructions.

Shipping:

We offer worldwide shipping for our Vapour Compressor product. Shipping fees vary depending on the destination and shipping method chosen by the customer. Customers can select their preferred shipping method at checkout and track their order using the provided tracking number.

### FAQ:

Q: What is the brand name of this compressor?

A: The brand name of this compressor is Aipu.

Q: Where is the compressor made?

A: This compressor is made in China.

Q: Does this compressor have any certifications?

A: Yes, this compressor has CE, CCC, SABS, TUV, and RoHS certifications.

Q: What is the price of this compressor?

A: The price of this compressor is negotiable.

Q: How is this compressor packaged and delivered?

A: This compressor is packaged in a standard export package and delivered within 6-8 workdays.



**Yixing Aipu Air System Equipment Co., Ltd**



13771572002



183426306@qq.com



aipukqdl.com

Yixing Yicheng Street Hardware Electromechanical City, Phase I, Block 5, District 3, 8071