



Yixing Aipu Air System Equipment Co., Ltd

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## Piston air compressor with pressure ranging from 0.8-1.25Mpa

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: KS
- Minimum Order Quantity: 1PC
- Price: negotiable
- Packaging Details: container
- Delivery Time: 10
- Payment Terms: tt
- Supply Ability: 10000t/y



### Product Specification

- Exhaust Pressure: 0.8-1.25Mpa
- Displacement: 0.08-20.0m³/min
- Type: KS Piston Air Compressor
- Power Source: Electric
- Motor Power: 0.75-15kW

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## Product Description

### Product Description:

The KA series piston air compressor (also known as reciprocating air compressor) is an industrial grade aerodynamic solution that integrates mature technology, robust structure, and high efficiency and stability. This series of products inherits decades of heavy manufacturing experience from Kaishan Group and is designed specifically for small and medium-sized factories, auto repair services, construction sites, and various work environments that require continuous and reliable gas sources. The KA series has become a benchmark product in the traditional piston engine market due to its excellent durability, easy maintenance, and high cost-effectiveness.

### Core advantages:

Designed with low speed in operation, the air-compressor is quieter in motion and longer in lifespan.

Feather valve is adopted with higher efficiency.

The core of air dleaner is made of imported filter paper, which acts well in filtering and absorbing noise and is durable.

The electromagnetic switch is imported with famous brands as Schneider, Tai-an and etcs.

Superior piston ring imported from "Riken" of Japan, which is durable and sealable.

Labyrinth structure is applied in breather tunnel, which avoids oil puffing up.

Some relevant working units undergo precision balance, which ensures smooth operation and low noise.

One way valve is made from some new compound materials to ensure no air leaking.

The patent technology of Zhejiang University is applied in making fan wheels, which achieve better result in cooling the temperature.

### Product Selection Table:

| MODEL | Cylindeh<br>DLA x QTY  | Capacity<br>m³/min | Motor Power<br>kw | Working<br>pressure<br>Mpa | Air tank<br>m³ | Weight<br>kg | Dimensional size<br>Length x Width x Height |
|-------|------------------------|--------------------|-------------------|----------------------------|----------------|--------------|---------------------------------------------|
| KS10  | φ55×1                  | 0.08               | 0.75              | 0.8                        | 0.05           | 65           | 800×350×710                                 |
| KS15  | φ70×1                  | 0.12               | 1.1               | 0.8                        | 0.05           | 75           | 800×350×710                                 |
| KS20  | φ55×2                  | 0.18               | 1.5               | 0.8                        | 0.08           | 130          | 1000×450×750                                |
| KS30  | φ70×2                  | 0.26               | 2.2               | 0.8                        | 0.08           | 150          | 100×450×750                                 |
| KS40  | φ70×3                  | 0.4                | 3                 | 0.8                        | 0.175          | 230          | 150×520×150                                 |
| KS55  | φ70×3                  | 0.55               | 4                 | 0.8                        | 0.175          | 280          | 150×520×150                                 |
| KS75  | φ100×2                 | 0.75               | 5.5               | 0.8                        | 248            | 305          | 1650×580×150                                |
| KS100 | φ100×3                 | 1                  | 7.5               | 0.8                        | 0.2            | 340          | 1650×60×120                                 |
| KS150 | φ110×3                 | 1.5                | 11                | 0.8                        | 0.31           | 485          | 1650×650×150                                |
| KS200 | φ125×3                 | 20                 | 15                | 0.8                        | 0.41           | 580          | 1850×80×150                                 |
| KS240 | φ125×3                 | 2.4                | 15                | 0.8                        | 0.5            | 600          | 1850×800×1600                               |
| KS20  | LP φ70×2<br>HP φ55×1   | 0.13               | 1.5               | 1.25                       | 0.175          | 230          | 150×520×1050                                |
| KS30  | LP φ70×2<br>HP φ55×1   | 0.21               | 2.2               | 1.25                       | 0.175          | 260          | 150×520×1050                                |
| KS40  | LP φ70×2<br>HP φ55×1   | 0.3                | 3                 | 1.25                       | 0.175          | 290          | 150×520×150                                 |
| KS55  | LP φ70×2<br>HP φ55×1   | 0.45               | 4                 | 1.25                       | 0.175          | 300          | 1500×520×1050                               |
| KS75  | LP φ100×2<br>HP φ80×1  | 0.6                | 5.5               | 1.25                       | 248            | 320          | 1650×600×1200                               |
| KS100 | LP φ100×2<br>HP φ80×1  | 0.8                | 7.5               | 1.25                       | 248            | 350          | 1650×600×120                                |
| KS100 | LP φ100×2<br>HP φ80×1  | 1.05               | 7.5               | 1                          | 248            | 350          | 1650×60×120                                 |
| KS150 | LP φ125×2<br>HP φ100×1 | 1.2                | 11                | 1.25                       | 0.31           | 480          | 1650×70×1400                                |
| KS150 | LP φ125×2<br>HP φ100×1 | 1.6                | 11                | 1                          | 0.31           | 480          | 1650×70×140                                 |
| KS200 | LP φ125×2<br>HP φ100×1 | 1.7                | 15                | 1.25                       | 0.41           | 600          | 1850×800×1550                               |
| KS240 | LP φ125×2<br>HP φ100×1 | 2.1                | 15                | 1.25                       | 0.5            | 650          | 185080×1600                                 |

### Applications:

Car maintenance and services: tire inflation, sheet metal painting, air cannon disassembly and assembly, etc.

Small scale manufacturing and processing: driving CNC machine tools, pneumatic fixtures, inkjet printers, packaging machinery, etc.

Architecture and decoration: power source for pneumatic tools such as nail guns, spraying, and cement pouring.

Agriculture and aquaculture: feed delivery, pesticide spraying, warehouse ventilation, etc.

Other fields: blowing, cleaning, inflating, and any other occasions that require a stable gas source.

### The core value brought to customers:

For customers who pursue practicality and efficiency, the core value of KS piston engine lies not in its cool technology, but in its ability as a production tool to complete its job in the most economical, worry free, long-lasting and reliable way. It is the 'basic air pressure' for all

production activities and the 'silent engineer' that you don't need to worry about.

1.The KS series adopts mature technology and durable core components (such as cast iron body and low-speed design) that have been validated in the market for decades, with the core goal of maximizing the reduction of failure rate.

This means that your production plan will not be disrupted by gas supply interruptions, and your construction progress will not be delayed due to equipment downtime. It may not be the most powerful, but it is definitely the guarantee you can rely on and have the highest attendance rate.

2.The KS series achieves the lowest comprehensive usage cost of equipment throughout its entire lifecycle through a combination of "affordable initial investment+economical daily maintenance+low accessory costs+controllable energy consumption".

You have obtained a device that truly saves money. It makes your cash flow healthier (with low initial investment), makes your operating budget more controllable (with clear maintenance costs), and ultimately brings you a higher return on investment.

3.The design philosophy of the KS series is 'simplicity is reliability'. It can be operated without complex training, and daily maintenance (such as changing oil and cleaning filters) is simple and fast. The universal accessories make the maintenance threshold and cost low. You don't need to equip it with professional technicians, freeing up your valuable manpower and management energy. You can focus on your core business instead of being tied up by a 'delicate' device. It is a 'emotionless' existence - it works when needed, and you don't have to worry about it when not needed.

4.The KS series offers a wide range of model choices from mobile to fixed, from low flow to medium flow, allowing it to flexibly adapt to various scenarios such as automotive repair, manufacturing, construction, agriculture, and more.

It is capable of handling both fixed workshops and mobile construction sites, as well as main business and temporary projects. This provides you with the flexibility and confidence to expand your business, as one device can support your ever-changing or growing business needs.

## Support and Services:

The KS series piston air compressor is a classic product that has been validated in the market for a long time. It may not have the extremely high energy efficiency regulation like variable frequency screw machines, but its outstanding features of simple structure, sturdy durability, and low purchase and maintenance costs make it still the most economical and practical choice in many industrial application scenarios. Choosing the KA series means choosing a durable and reliable industrial power guarantee.

## Packing and Shipping:

Product Packaging:

The Piston air compressor comes in a sturdy cardboard box with the product image and specifications printed on the outside. Inside, the product is securely packaged with foam inserts to prevent any damage during transportation.

Shipping:

We provide transportation services for Piston air compressors worldwide. Our standard shipping time is 3-5 business days. For expedited shipping, please contact our customer service team. We ship via trusted carriers such as UPS, FedEx, and USPS and provide a tracking number for your convenience.

## FAQ:

**Q: What is the brand name of this product?**

A: The brand name of this product is Aipu.

**Q: What is the model number of this product?**

A: The model number of this product is Piston air compressor.

**Q: Where is this product made?**

A: This product is made in China.

**Q: Does this product have any certifications?**

A: Yes, this product is certified by CE.

**Q: What is the minimum order quantity for this product?**

A: The minimum order quantity for this product is 1pc.

**Q: Is the price of this product negotiable?**

A: Yes, the price of this product is negotiable.

**Q: What is the packaging details for this product?**

A: The packaging details for this product is container.

**Q: How long is the delivery time for this product?**

A: The delivery time for this product is 10 days.

**Q: What are the payment terms for this product?**

A: The payment terms for this product is TT.

**Q: What is the supply ability of this product?**

A: The supply ability of this product is 10000t/y.



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