



**AP** SERIES  
SCREW COMPRESSOR



Engineering the Future

## APX Model

Provides high reliability and basic choice to meet customer's requirement.

- Integrated design, compact layout
- Easy to Install and use, easy to move
- Saves installation cost and usage space
- Integrated and Optimized Pipeline Design to reduce Pressure Loss
- Directly discharges dry compressed air, fully ensuring the quality of terminal Compressor Air



## AP Series SCREW COMPRESSOR

*THE BEST FOR LESS*

- AP Model
- APPM Model
- APX Model



Kaishan Launched its AP series for the Asia Pacific Region keeping in mind the Highest Quality with the Lowest Ownership cost.

Its Designed with Compact and minimal parts with highest quality and stability.



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## AP Model

**Providing Compressed Air System with High Reliability, Easy Maintenance and Low Ownership Cost.**

### Humanized Display and Control System

Easy to operate  
High Visibility  
High Stability  
Notice for alarm and service indication  
Can support for synchronous control

### New generation efficient motor

High starting torque  
Insulation level F  
Protection level IP23

### Air Cooler :

The extraordinary cooling system design is especially suitable for Asia's high temperature and high humidity environments.



### SPECIFICATION:

Model No	Discharge Pressure Bar	Flow cfm	Motor power kW	Discharge Connection	"DimensionL X B X H " mm	Weight Kg
AP7.5-8G	8	35	7.5	G3/4	800 x 620 x 800	200
AP11-8G	8	60	11	G1	1000 x 670 x 1090	265
AP15-8G	8	74	15	G1	1000 x 670 x 1090	280
AP18-8G	8	104	18	G1	1200 x 800 x 1120	380
AP22-8G	8	126	22	G1	1200 x 800 x 1120	400
AP30-8G	8	175	30	G-1-1/2	1340 x 850 x 1330	550
AP37-8G	8	199	37	G-1-1/2	1340 x 850 x 1330	570
AP45-8G	8	246	45	G-1-1/2	1480 x 1030 x 1365	740
AP55-8G	8	323	55	G-1-1/2	1480 x 1030 x 1365	800

All electrical enclosure are IP23

AP7.5 Starter Type Is DOL, Others Are Y-Δ

For Special Pressure, Please Contact With Kaishan Sales Team Or Distributors

## AP SERIES SCREW COMPRESSOR



### High Efficiency inlet control valve

ON/OFF control  
With check valve design

### Belt & Direct-driven design suitable for small foot print.

### Inner separator tank design to ensure the oil carryover rate less than 3PPM

### Design features of screw rotor profile:

1. Complete "surface-to-surface" meshing, thereby helping to form a hydrodynamic lubricating film, reducing lateral leakage hence improving compressor efficiency and Performance.
2. Conceived by the design idea of large rotor, large bearing and low speed
3. Excellent vibration isolation technology and Low noise ensures Kaishan Compressor installed on flat surface without any special foundations.



## APPM Model

### Permanent Magnet Variable Frequency Screw Compressor

Provides Compressed air system with high reliability, high efficiency, energy saving, easy maintenance

A high-efficiency PM Variable Frequency Screw Air Compressor has advantages in the following areas.

- Have a highly efficient screw compressor air-end
- Have a high-efficient PM synchronous motors
- Have a first-class PM Variable control technology

KAISHAN APPM possesses significant technical advantages in the above areas

### BENEFITS :

- Complete control of air output to meet operating demand. Lower energy input for required air generation.
- Excessive part load energy consumption is reduced.
- Gradual increase in motor speed eliminates starting spikes and cost penalties.
- A steady system pressure is maintained, lowering system stress and overall air demand.
- Reduced artificial demand due to lower operating pressure.
- Reduced maintenance time and cost. Significantly lower noise levels.

### SPECIFICATION:

Model No	Discharge Pressure Bar	Flow cfm	Motor power kW	Discharge Connection	"DimensionL X B X H " mm	Weight Kg
APPM7 5-8G	8	35	7.5	G3/4	880 x 510 x 800	200
APPM11-8G	8	60	11	G1	1000 x 670 x 1090	260
APPM15-8G	8	74	15	G1	1000 x 670 x 1090	280
APPM22-8G	8	126	22	G1	1200 x 800 x 1120	390
APPM37-8G	8	199	37	G11/2	1340 x 850 x 1330	600
APPM45-8G	8	246	45	G11/2	1480 x 1030 x 1365	800
APPM55-8G	8	323	55	G11/2	1480 x 1030 x 1365	810

All electrical enclosure are IP54

All motors starter type is VSD

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## AP SERIES SCREW COMPRESSOR



Compared to the ordinary PM variable frequency screw air compressor, KAISHAN APPM series have obvious technological advantages, including Screw compressor air-end efficiency, motor efficiency and control technology.