

# To Provide Compressed Air system is Our Core Business

For the lowest purchasing cost for customer, Sullair provides an entire air system designed to lower operating cost, increase reliability and maximize return on investment.



Sullair offers compressed air system to help users reduce their operating costs and improve productivity by analyzing, managing and controlling all compressed air systems. To satisfy your special requirement on the compressed air system, please contact the Sullair distributor to seek more help. To acquire Sullair distributor contact information, see the below website or make a phone call.



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# Sullair Screw Air Compressor AS04-AS110 ■ 4-110kW



# The Only Air Compressor Manufacturer To Concentrate Exclusively On Screw Technology

Since 1965, Sullair has been leading the innovation in the field of screw compressor and vacuum technology. With more than 40-year experiences, Sullair is leading a new round of innovation in this field. Utilizing the most advanced technologies, equipments and manufacturing technique, Sullair provides customers the best air compressor and vacuum equipment in order to meet the customers' severe requirements. Sullair has led the industrial trends in the field with its first-class screw rotor design.

Sullair products are universally known around the world for its practical design, outstanding craftsmanship and superior quality. Sullair professionals provide you AS series 4-110kW air compressor with simple structure, easy operation and great performance by optimal design while to ensure the amazing reliability, stability and related performance specifications of Sullair products. In fact, its design has made the new standard for this industry in every respect.



This product was manufactured to the highest quality standards in an ISO9001 certified system.

# Choose Sullair, What Your Bought is the Perfect Customer Service

“Customer Satisfaction” is a cornerstone of Sullair philosophy. Our service includes:

- Maintenance of equipment
- Customer training
- Highly efficient energy-saving products
- Genuine Sullair parts supply



## Energy Saving Certification

Nearly 20 AS series energy efficiency of air compressors indexes meet the requirement of national energy-saving evaluation value. And part models get to the class I of it. That means you can apply for national energy subsidies.



## Choose Sullair, What You Got is Not Just a Compressor.

Choose Sullair, what you bought is world leading screw technology and global service capabilities. Sullair provides superior products and services to manufacturing, textile, food, construction, mining and energy-related industries etc.

Sullair international service network including subsidiaries of all regions, appointed agent and distributors provide the Sullair customers perfect services everyday in every corner of the world.

# AS 04-110 Series Air Compressor



## Fluid-air Separation System

- Large capacity and highly efficient fluid-air separator with special design inside, multistate separation to make good separation result
- The pressure decreased lowly and saving almost 1% power consumption

## Air Inlet Regulating Valve

- Decrease the times of load and unload, low running cost
- Longer life for seldom impulsive load

## Air Capacity Regulation

- Realize compressor air discharge capacity with demand 0%-100% stepless regulation
- Better meet the air demand of customer to save energy consumption

## Outstanding Screw Rotors

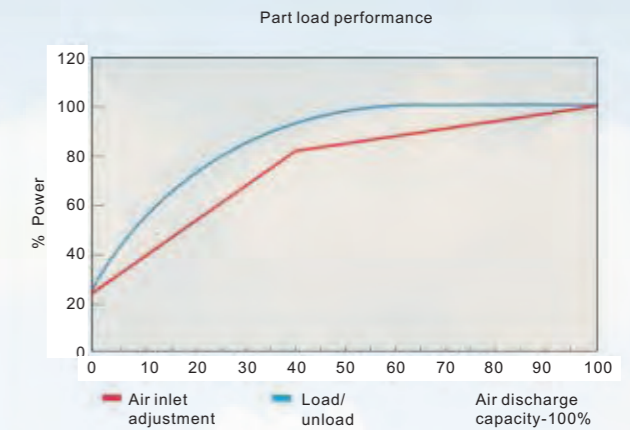
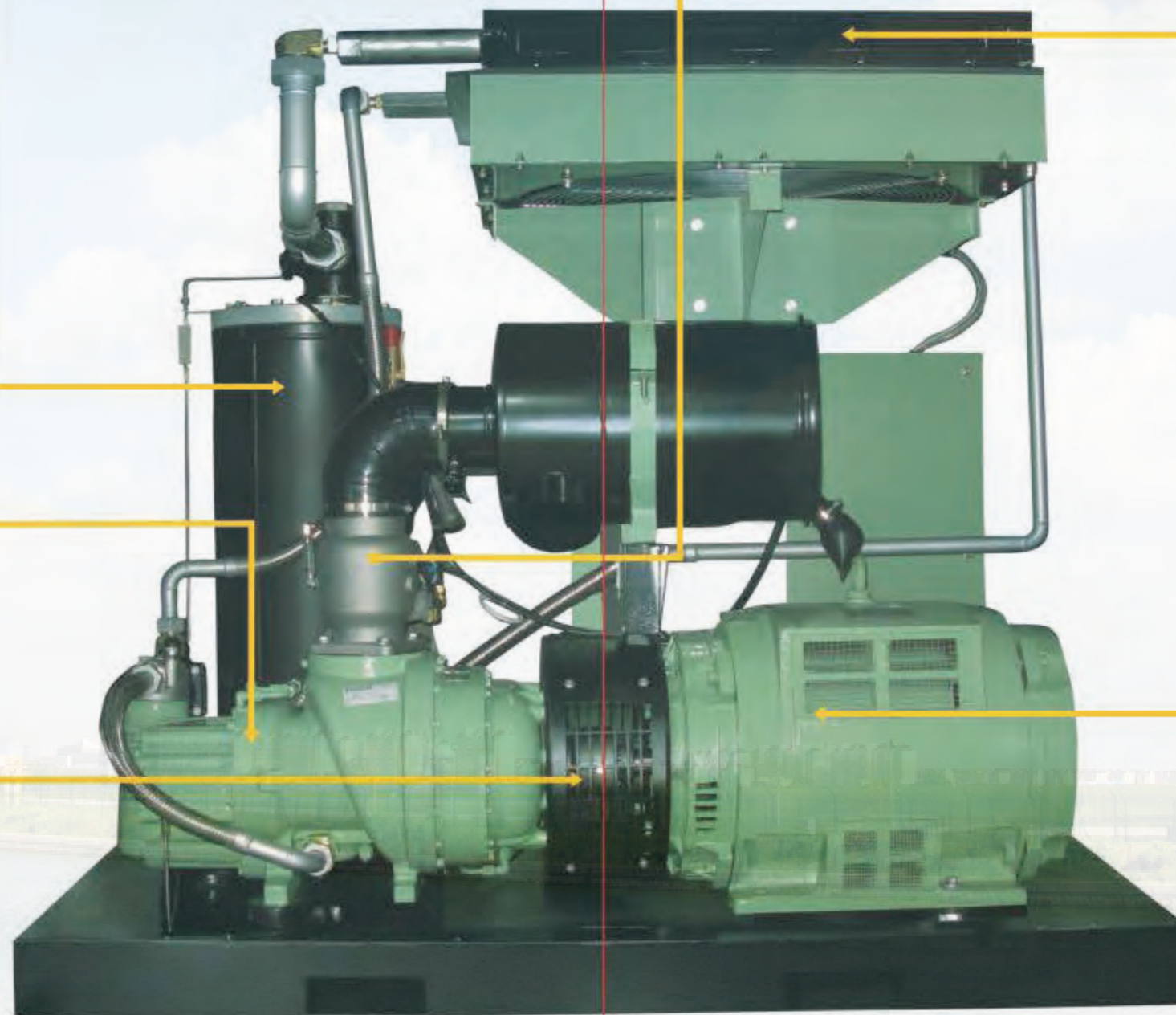
- The screw rotors manufactured by matching posses excellent consumption efficiency
- The design of slot line and pitch line reduces the inner leakage

## Compressor Air End

- Patented design, low noise and high quality bearings (longer life for 100000 hours) ensures the air end stability and longer life
- BFR (Bearing Fluid Reservoirs) ensure the compressor with excellent function for startup and on load performance

## Elastic Coupling

- Avoiding impulsive load, high efficient driving and reliable operation
- Install or remove the element radially and easy to maintain for shaft seal



## High Efficiency Cooling System

- Oversized cooler, huge design margin, cooler heat dissipation area is one third bigger than ordinary cooler.
- High cooling efficiency, effectively extend the life of fluid and lower running cost

## High Efficiency Motor

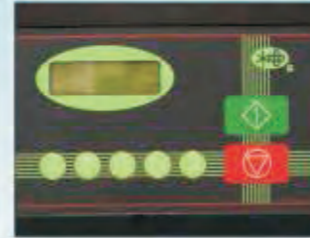
- Good heat dissipation capacity, B class temperature rise, insulation and not easy aging
- High quality bearings with small erosion for longer life to ensure long-term continuous trouble-free operation

Notes: the above figures are for reference only, subject to the real machine.

# AS 04-110 Series Air Compressor

## Microcomputer Controller

- Temperature, pressure and other specifications can be displayed and warned in real time
- Failure logging query to make maintenance and analysis easily
- LCD screen and simple and easy to control and access



## Sullair Special Fluid

- High oxidative stability with longer life
- Good compatibility with system, lower operation cost
- High temperature stability, used widely
- Low solidifying point ensure good performance



## Concern for the Environment

Sullair not only focuses on providing high efficiency air compressors product, also committed to environmental protection. Sullair AS series air compressor has the following environmental performance.

- Fully-sealed protection pan will avoid the compressor fluid spatter during maintenance to protect the scene environment
- The core of fluid filter is of non-metallic design that can be disposed easily with low processing cost
- The specialized optimized lubrication system, low fluid consumption reduces use costs and disposal waste fluid cost
- Air end, motor and other component use rubber absorber effectively reduce the shaking intensity and reduce the noise



# Technical Specifications

## AS 04-15 Air Compressor

Model	Motor HP kW		Max. discharge pressure			Weight-kg	Outlet connection size
			8.0bar	10.0bar	13.0bar		
			Air discharge capacity-m <sup>3</sup> /min*				
AS04	5	4	0.58	0.5	0.4	228(without air tank)	Rc3/4
AS05	7.5	5	0.83	0.75	0.6	238(without air tank)	Rc3/4
AS07	10	7	1.07	1.01	0.85	248(without air tank)	Rc3/4
AS11	15	11	1.8	1.55	1.21	350(without air tank)	Rc1
AS15	20	15	2.28	2.05	1.7	365(without air tank)	Rc1

## AS18-110 Air Compressor

Model	Motor HP kW		Max. discharge pressure				Weight-kg	Outlet connection size
			7.6bar	8.6bar	10.6bar	12.6bar		
			Air discharge capacity-m <sup>3</sup> /min*					
AS18	25	18	3.2	2.9	2.6	2.2	580	Rc1
AS22	30	22	3.75	3.55	3.1	2.7	650	Rc1
AS30	40	30	5.1	4.75	4.1	3.4	900	Rc1-1/2
AS37	50	37	6.8	6.3	5.8	5.1	1000	Rc1-1/2
AS45	60	45	8.5	7.8	6.9	5.65	1380	Rc2
AS55	75	55	10.5	9.5	8.6	7.6	1410	Rc2
AS75	100	75	13.5	12.5	11.1	10.2	1520	Rc2
AS90	125	90	16.9	15.5	14.2	12.8	2100	Rc2
AS110	150	110	20.1	19.6	16.5	14.6	2300	Rc2

## Dimensions (mm)

Model	Length	Width	Height
AS04, AS05, AS07 Series (without air tank)	826	546	940
AS04, AS05, AS07 Series (with air tank)	1210	546	1460
AS11, AS15 Series (without air tank)	998	618	1035
AS11, AS15 Series (with air tank)	1460	618	1642
AS18, AS22 Series	1340	740	1300
AS30, AS37 Series	1600	860	1440
AS45, AS55, AS75 Series	2000	1200	1680
AS90, AS110 Series	2500	1400	1800

### Notes:

1. All AS18-110 models are supported VSD models
2. All AS04-75 series are air-cooled model and AS90-110 series include air-cooled model and water-cooled model.
3. Air discharge capacity is measured at rated discharge pressure in accordance with International Standards GB3853 in testing (equivalent to ISO1217 Appendix C)