

RSP Series

Rotary Screw Fixed Speed Air Compressors



Pneutech



ECO-FRIENDLY

Efficiency Under Pressure

Industries Served



RSP 40-450 Series



Features & Benefits

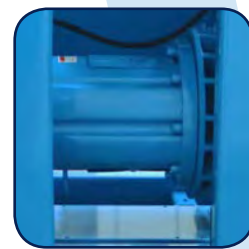


Air Intake Filter



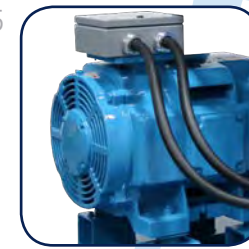
Heavy duty, dry-type air intake filter enhances air quality before it touches the main components of the machine. This lengthens the lifetime of the machine. The element is conveniently accessible when it needs to be replaced.

Direct Drive



Compressor is flange mounted to motor C-face for positive alignment and direct drive, thus leading to lower maintenance and repair

Electric Motor



The 208/230/460/575 three phase electric motor is a T-frame with a C-face flange. It is an induction type, open drip-proof design with squirrel cage cooling. TEFC motors are available on all models as an option.

Cooling System - Updraft Model



Cooling system is included with updraft design to allow hot air to be recovered or exhausted through the top of the machine. It has a large side-by-side oil cooler and after-cooler for easy cleaning.

Fan Motor



Dedicated fan motor ensures optimum air flow for proper temperature control. Safety shutdown feature is enabled when cooling fan power is interrupted.

Oversized Air End



Oversized air end gives way for low RPM and leads to an extended lifetime for the machine, and reduced noise levels.

Automatic Drain Valve



This automatic drain valve removes condensate from the moisture separator trap at the discharge of the after-cooler

Large Separator Tank



ASME coded 200PSIG separator tank with a relief and a minimum pressure check valve which is connected to a high efficiency single-stage air/oil separator element

More Features...

Specifications



Electronic Controller

PRESSURE SCHEDULE

This feature allows you to program your daily operating schedule and allows for shut off during factory shut down up to 28 different times per week.

BUILT-IN SEQUENCER

This will sequence up to 7 VFD or NON-VFD machines.

LOAD/UNLOAD MODE OF OPERATION

Easily programmed to suit plant pressure requirements

ANALOG OUTPUT

Analog output can be used for remote starting or stopping and alarm notifications

E-STOP SAFETY

This characteristic helps with shutdown of the complete compressor for emergency conditions

RS485 COMMUNICATION

This electronic controller has RS485 communication for remote monitoring capabilities. Secondary RS485 ports are available for multiple machine functionality and software updates.



Enclosure Panels

This **option** allows for increased protection of machine parts thus leading to longer lifespan of the machine. These also make the machine quieter than it already is. All panels are easy to remove for servicing.



Protective Devices

- Class 20 solid state overload relay
- High discharge temperature switch
- High pressure shutdown switch
- Anti-start pressure switch (prevents starting while air compressor is pressurized)
- Anti-reversing control (protects against reverse rotation)

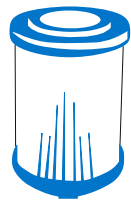
Model	PSI	Frame	CFM	HP	kW	NPT	Voltage (3ph)	Dimensions (LxWxH)	Weight (enclosed)
RSP-40F	125	1200	166	40	30	1-1/4	230/460	66x34x48	1350
	150	1200	115	40	30	1-1/4	230/460	66x34x48	1350
	175	1200	105	40	30	1-1/4	230/460	66x34x48	1350
RSP-50F	125	1200	210	50	37	1-1/4	230/460	66x34x49	1515
	150	1200	200	50	37	1-1/4	230/460	66x34x49	1515
	175	1200	125	50	37	1-1/4	230/460	66x34x49	1515
RSP-60F	125	1200	280	60	45	1-1/4	230/460	66x34x49	1760
	150	1200	225	60	45	1-1/4	230/460	66x34x49	1760
	175	1200	160	60	45	1-1/4	230/460	66x34x49	1760

Model	PSI	Frame	CFM	HP	kW	NPT	Voltage (3ph)	Dimensions (LxWxH)	Weight (enclosed)
RSP-75F	100	1600	360	75	55	1-1/2	230/460	91x56x62	3500
	125	1600	320	75	55	1-1/2	230/460	91x56x62	3500
	150	1600	280	75	55	1-1/2	230/460	91x56x62	3500
RSP-100F	100	1600	485	100	75	2	230/460	91x56x62	3620
	125	1600	440	100	75	2	230/460	91x56x62	3620
	150	1600	376	100	75	2	230/460	91x56x62	3620
RSP-125F	100	1600	580	125	90	2	230/460	91x56x62	3900
	125	1600	530	125	90	2	230/460	91x56x62	3900
	150	1600	480	125	90	2	230/460	91x56x62	3900
RSP-125-20	100	2000	630	125	90	2	460	113x58x72	6475
	125	2000	545	125	90	2	460	113x58x72	6475
	150	2000	490	125	90	2	460	113x58x72	6475
RSP-150F	100	2000	740	150	110	2	460	113x58x72	6700
	125	2000	700	150	110	2	460	113x58x72	6700
	150	2000	610	150	110	2	460	113x58x72	6700
RSP-200F	100	2000	980	200	160	3	460	113x58x72	6925
	125	2000	900	200	160	3	460	113x58x72	6925
	150	2000	810	200	160	3	460	113x58x72	6925
RSP-250F	100	2000	1140	250	200	3	460	113x58x72	7150
	125	2000	1065	250	200	3	460	113x58x72	7150
	150	2000	960	250	200	3	460	113x58x72	7150
RSP-300F	100	2000	1150	300	225	3	460	113x58x72	7620
	125	2000	1145	300	225	3	460	113x58x72	7620
	150	2000	1140	300	225	3	460	113x58x72	7620
RSP-300F-32	100	3200	1500	300	225	3	460	135x80x84	11600
RSP-350F	100	3200	1650	350	260	3	460	135x80x84	12000
	125	3200	1566	350	260	3	460	135x80x84	12000
RSP-400F	100	3200	1790	400	300	3	460	135x80x84	14500
	125	3200	1633	400	300	3	460	135x80x84	14500
	150	3200	1533	400	300	3	460	135x80x84	14500
RSP-450F	100	3200	1910	450	335	4	460	135x80x84	15000
	125	3200	1770	450	335	4	460	135x80x84	15000
	150	3200	1633	450	335	4	460	135x80x84	15000

Pneu-Assure



- ✓ Full parts and labor warranty for 1 year (excludes regular maintenance)
- ✓ 10 year parts and labor warranty on major components including:
 - ✓ Airend,
 - ✓ Oil Sump Tank,
 - ✓ Electric Motor(s),
 - ✓ Air Coolers,
 - ✓ and Oil Coolers
- ✓ 10 year parts & labor warranty on the airend
- ✓ Guaranteed full support from your certified distributor
- ✓ Global technical experience leading to a well-rounded point of view on machines and industry standards



*Warranty subject to change based on region and distributor's agreement.

**Warranty is only valid providing a PneuTech approved service technician does the maintenance on the compressor.

Why PneuTech?

Personal Service
Technical Support
Customer Satisfaction
Reliable
Receptive & Adaptable
Ethical
Industry Experienced
Global

You are the number one priority when you partner with a PneuTech. Your goals are our goals because your success is our success. Your experience is superior when partnering with PneuTech because of quality products and personal service. You want efficiency, reliability and versatility with the supply of air compressors and all associated equipment - so that's what we strive for.



PneuTech

United States
United Kingdom
Australia
New Zealand



Other PneuTech Products...



RK-VSD 15-75 Compressors

The RK-VSD series has an energy efficient VFD inverter that gives you unlimited motor starts per hour, consistent discharge pressure, soft motor starts, 15% turndown, and reduced power consumption! This unit also comes standard with an electronic controller, low RPM with its oversized air end design, an oversized air/oil cooler, spin-on filtration, and much more!



CSO Condensate Separators

The CSO 40-1250 series condensate oil water separators have been developed for excellent separation of lubricant and oils from condensate generated from rotary screw, rotary vane, and other types of compressor equipment. These units allow for EPA friendly disposal of your condensation.



RK Fixed Speed Compressors

The RK fixed speed compressors have a compact design, making it a great solution for many applications. These belt driven units make maintenance an easy task when the time comes. With large, easy to remove doors, the belt, oil, and filter changes are a breeze.



FHO Inline Filtration

FHO inline filtration comes standard with differential pressure gauges and are protected with an interior and exterior powder coating finish. They hold a replaceable filter that can be quickly and inexpensively maintained. All housings come standard with internal float style drain valves.



RSP-VSD 40-450 Compressors

The RSP-VSD series air compressor has a VFD inverter that helps you adapt to your factory's fluctuating demand and thus save money and increase efficiency. The electronic controller on this machine allows you to easily program your pressure parameters, maintenance schedule, auto pressure scheduling up to 28 times per week, alarm diagnostics, web access, and so much more!



NGN Nitrogen Generators

The PneuTech Modular Nitrogen Generation system is a cost saving alternative to buying bottled nitrogen from another company. A relatively low initial investment combined with very low operating costs results in savings up to 60%! It's modular design allows it to fit through standard door openings and it can be handled easily by manual pallet lifts.



RDF Refrigerated Dryers

The RDF series non-cycling dryers provide high quality of compressed air and deliver lower dewpoints at a relatively low initial cost. These dryers are compact in footprint and extremely reliable, requiring little maintenance. They come standard with a programmable controller, a digital dewpoint indicator, and an aluminum heat exchanger.

Providing
high efficiency
Delivering
exceptional value
of ownership

Our Mission Statement

Using our combined industry experience, we provide knowledge, support, and superior products to compressed air distributors across the globe. We are committed to producing positive results through being trustworthy, ethical, and accessible. We are founded in the beliefs that through working together we can continue to transform the industry, while rising to turn challenges into opportunities.



United States | Australia
United Kingdom | New Zealand