

Rotary Screw VSD Compressors

Ri-VSD Series 60-220



Pneutech



ECO-FRIENDLY

Features & Benefits

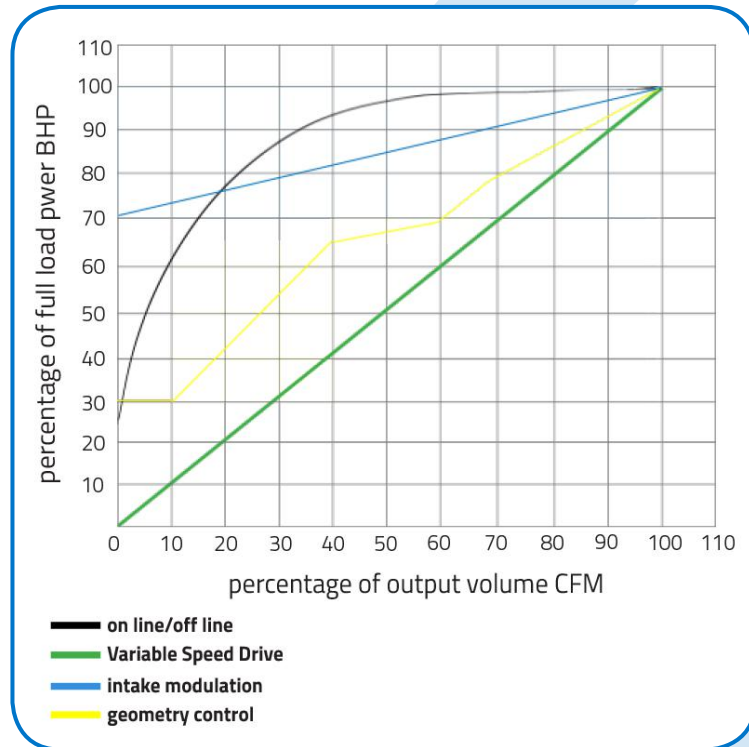
Rotary Screw VSD Compressors

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Variable Speed Drive

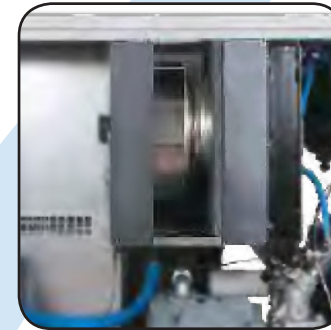
The use of a frequency converter allows:

- Variation of the motor and of the compressor speed, thus adapting to the demand for compressed air
- Variation of the air pressure selection value between 87 and 189 PSI
- Constant variation of compressed air production between 20 and 100% of the compressor capacity, allowing a variation of energy consumption proportional to the compressor air delivery
- Elimination of problems linked to surge currents when starting
- Elimination of discharge losses during normal operation
- Operation in temperatures up to 122°F



PneuTech's variable speed drive technology combined with a direct drive, permanent magnet motor reduces energy and maintenance costs up to 50%

Low Speed Centrifugal Fan



Dedicated low-speed centrifugal fans for both the oil and the air coolers. Separate fans maintain optimal temperatures for the oil and air while yielding extremely low noise levels.

Air/Oil Cooler



The cooler is oversized in order to ensure optimum working temperatures in any environmental condition. Conveniently placed so that they are easy to clean.

Permanent Magnet Motor



Synchronous motors with permanent magnets and frequency converters do not have any bearings, flexible couplings, or sealing gaskets. Eliminates wear, leakage and replacement.

Electronic Controller



Controls the main operating parameters and daily or weekly start program with CAN-BAS interface. Connects up to four compressors in a network, duty cycle monitoring, and maintenance timers.

Integrated Moisture Separator



Integrated moisture separator comes standard for all Ri units. Up to 90% reduction in condensation when compared to a unit without a moisture separator. Compatible with energy recovery (optional).

Single Screw Airend



The rotary screw on this unit comes standard with oversized, low RPM airends that are designed for maximum efficiency and excellent reliability.

Air/Oil Separator Tank



The exclusive cyclone technology guarantees a pre-separation efficiency of more than 99.9%. The separator ensures low oil carryover of less than 2 ppm which reduces maintenance.

Intake Filter



Removes the smallest particles of dust and dirt. The large surface area ensures a long life and minimal pressure loss. Conveniently located near the removable panel for easy access.

Ri-VSD Series Specifications

Dimensions

Model	Dimension LxWxH	Weight
Ri-60VSD	67x40x65	2075
Ri-60VSD-D	67x40x65	2230
Ri-75VSD	67x40x65	2315
Ri-75VSD-D	67x40x65	2570
Ri-100VSD	80x45x71	2780
Ri-100VSD-D	80x45x71	3050
Ri-125VSD	80x45x71	3220
Ri-125VSD-D	80x45x71	3440
Ri-150VSD	95x52x79	3970
Ri-180VSD	95x52x79	4200
Ri-220VSD	118x59x87	7585

D - DRYER



Technical Data

Model	Maximum Pressure		Compressed Air Flow		Motor		Noise Level
	bar	PSI	m ³ /min	CFM	kW	HP	dB(A)
Ri-60VSD-116	8	116	2.60-8.90	92-315	45	60	72
Ri-60VSD-145	10	145	2.50-8.50	89-300	45	60	72
Ri-75VSD-116	8	116	2.60-11.00	92-389	55	75	72
Ri-75VSD-145	10	145	4.40-9.90	155-350	55	75	72
Ri-100VSD-116	8	116	3.60-14.40	127-509	75	100	72
Ri-100VSD-145	10	145	4.40-12.30	155-434	75	100	72
Ri-125VSD-116	8	116	4.20-18.00	148-636	90	125	72
Ri-125VSD-145	10	145	4.90-15.20	173-537	90	125	72
Ri-150VSD-116	8	116	5.10-20.80	180-735	110	150	74
Ri-150VSD-145	10	145	5.30-18.60	187-657	110	150	74
Ri-180VSD-116	8	116	5.30-23.20	184-819	132	180	74
Ri-180VSD-145	10	145	5.20-20.00	184-706	132	180	74
Ri-220VSD-116	8	116	5.90-26.00	208-920	160	220	75
Ri-220VSD-145	10	145	7.80-22.00	275-776	160	220	75

The air flow rates have been measured at the following working pressures: 109 PSI for models 116 PSI and 138 PSI for 145 PSI models. The data and performances were recorded in accordance with standard ISO 1217. Noise level measured according to PNEURO/CAI.

Why PneuTech?

You are the **#1** priority when you partner with 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* when sourcing air compressors and all associated equipment - that's what we strive for.



Pneu-Assure
10 year warranty on all major components*

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

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

**5 year warranty requires the purchase of a PneuTech line filter with installation directly before the inlet of the dryer.



PneuTech

United States
United Kingdom
Australia
New Zealand



Other PneuTech Products



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.

RK-VSD 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, 85% 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!



RSP Compressors

The RSP series fixed speed rotary screw air compressors are an exceptionally durable line of higher horsepower air compressors. Routine maintenance is simplified because of this unit's unique belt drive design and easily removable panels (when applicable). Two options that are available with this model of air compressor are low sound enclosure and/or TEFC motor.



RSP-VSD 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, and 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.

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.



NGO Nitrogen Generators

The PneuTech twin tower 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 upright and compact design has a minimal footprint.



Your Strategic
Partner in
Compressed Air
Systems

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