

RDA Series Dryers

Refrigerated Non-Cycling 13-550 CFM



Pneutech[®]
Efficiency Under Pressure



5 Year Warranty
Industry-Leading Peace-of-Mind



Features & Benefits

RDA Series Dryers

Refrigerated Non-Cycling

13-550 CFM

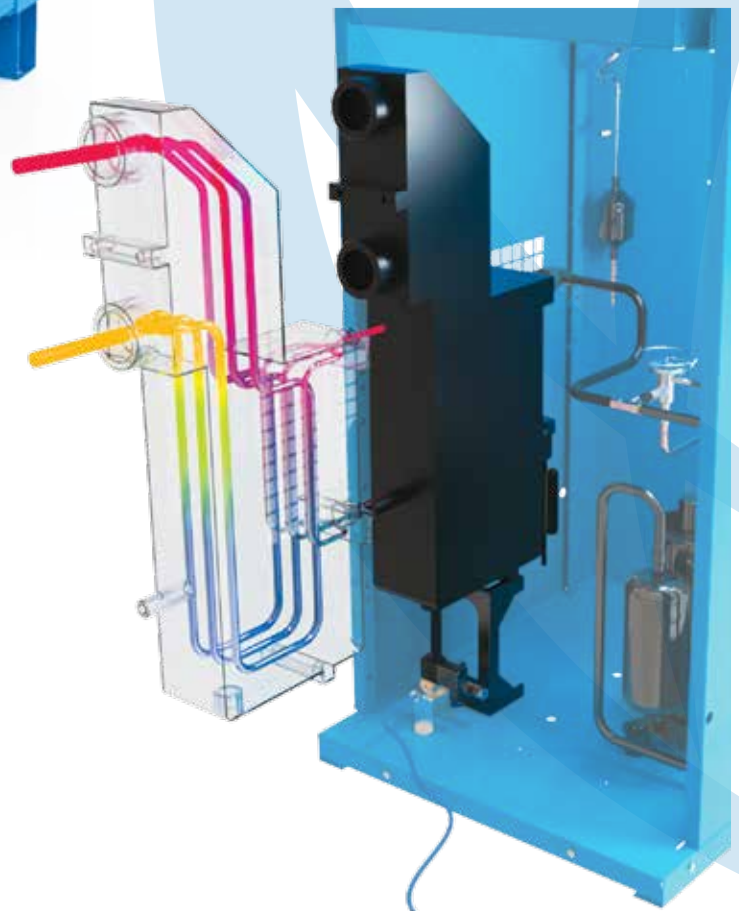
Performance

RDA dryers achieve excellent performance even in instances of high ambient (122°F) and high inlet temperatures (158°F), maintaining a low humidity.

Vertical Heat Exchanger Design

The patented aluminium heat exchange has been designed to offer the maximum performance and minimum pressure drop.

The unique heat exchanger is both an air to air heat exchanger as well as an air to refrigeration heat exchanger. The warm and humid air is pre-cooled by the cool dry air that is leaving the dryer, which increases efficiency.



Serviceability

With an average Phillips screwdriver, the panel protecting the major components of the refrigerated dryer slides off, meaning that servicing is not complex and less costly.



Condenser Fan | Coils

Generous sizing of the condenser unit ensures maximum performance of the refrigerant circuit and the ability to operate with changes in ambient conditions quickly.



Access to the condenser for cleaning and maintenance is simple.

Refrigeration Compressor

The circulation of the refrigerant in the cooling system is done through the highly efficient refrigerant compressor.



Thanks to its innovative construction, this has reduced energy consumption and increased reliability levels.

Single Point Condensate Drain

All RDA models come with a single point condensate connection.



This single connection makes it easy when connecting it to your condensate management system.

Electronic Control

All models have an electronic control board, with a double sensor system that keeps the dew point and condensing pressure within ideal operating parameters.



Condensate Drain Controls

RDA dryers are equipped with an electronic drain valve which is controlled by the programmable controller.



Not only does the controller ensure timely draining of the condensation, but also allows for easy programming and testing of the drain valve.

RDA Refrigerated Air Dryer Series Specifications

Model	CFM	HP	NPT	Heat Loading (Kw)	Voltage (3ph)	Dimensions (in) (LxWxH)	Weight (lbs)
RDA-13-NC-116	13	4	3/4"	0.55	115/1/60	15 x 12 x 18	40
RDA-25-NC-116	25	7.5	3/4"	0.70	115/1/60	15 x 12 x 18	40
RDA-35-NC-116	35	10	3/4"	0.70	115/1/60	16 x 14 x 19	42
RDA-50-NC-116	50	15	3/4"	1.20	115/1/60	16 x 14 x 19	53
RDA-75-NC-116	75	20	1"	1.60	115/1/60	19 x 16 x 22	77
RDA-100-NC-116	100	25	1"	2.30	115/1/60	19 x 16 x 22	90
RDA-130-NC-116	130	30	1-1/2"	2.30	115/1/60	25 x 21 x 27	121
RDA-150-NC-216	150	35	1-1/2"	3.60	220/1/60	25 x 21 x 44	159
RDA-175-NC-216	175	40	1-1/2"	3.60	220/1/60	25 x 21 x 44	159
RDA-225-NC-216	225	50	1-1/2"	4.80	220/1/60	25 x 21 x 44	172
RDA-300-NC-216	300	60	2"	4.80	220/1/60	28 x 27 x 62	333
RDA-350-NC-216	350	75	2"	5.60	220/1/60	28 x 27 x 62	337
RDA-450-NC-436	450	100	2-1/2"	7.20	460/3/60	28 x 27 x 62	419
RDA-550-NC-436	550	125	2-1/2"	8.20	460/3/60	28 x 27 x 62	425

Correcting Factor for Operating Changes

Inlet Air Pressure (PSI)	80	90	100	115	125	150	175
Factor	.90	0.94	1.00	1.05	1.10	1.15	1.20

Correcting Factor for Ambient Temperature Changes

Ambient Temperature (°F)	<80°	90°	95°	100°	105°	110°	122°
Factor	1.10	1.07	1.04	1.00	0.93	0.83	0.65

Correcting Factor for Inlet Air Temperature Changes

Air Temperature (°F)	80°	90°	100°	110°	120°	130°
Factor	1.15	1.05	1.00	0.75	0.60	0.50

Correcting Factor for Operating Changes

Dew Point (°F)	37.5°	41°	45°	50°
Factor	1	1.10	1.18	1.33

5 Year Pneu-Assure Warranty

Industry-Leading Peace-of-Mind

✓ **5 Year Warranty on Major Components**

Refrigeration Compressor
Condenser Coil
Heat Exchanger

✓ **1 Year Warranty on the Entire Unit**
Regular maintenance NOT included

✓ **Guaranteed Support**

From Your Certified Distributor

✓ **Technical Expertise**

Industry-leading knowledge & experience

*Requires the purchase of a PneuTech line filter with installation directly before the inlet of the dryer. Warranty subject to change based on region and distributor's agreement.

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 compressed air equipment - **that's what we strive for.**



PneuTech®



Other PneuTech Products



Ri Fixed and Variable Speed Rotary Screw Compressors 100HP-220HP

The PneuTech Ri Fixed and Variable Speed Drive Air Compressors are the state-of-the-art in modern, energy-efficient compressed air technology. Featuring a Single-Screw Air End, Integrated Moisture Separator, a oversized Air/Oil Cooler and a Permanent Magnet Motor. Backed by an industry-leading 10-Year Warranty on the Air End, 5-Years on the entire unit.

RK Variable Speed Drive Rotary Screw Compressors 5HP-75HP

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 Fixed Sand Variable Speed Rotary Screw Compressors 75HP-450HP

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.



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 | United Kingdom | New Zealand

WSI Machinery
1530 N. Old Rand Road,
Wauconda, IL 60084
847.526.1411
www.wsimachinery.com

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