

RNP SERIES

NON-CYCLING REFRIGERATED COMPRESSED AIR
DRYERS 10-1200 SCFM





**SOME COMPANIES ARE FOUNDED ON HARD WORK.
OTHERS ARE FOUNDED ON IDEALS.**

FS-CURTIS WAS FOUNDED ON BOTH.

More than 165 years ago, the FS-Curtis way of doing business was established through two key commitments: a dedication to building quality products and a dedication to responsive customer service.

Over the decades, the company and its products have evolved through innovation and new technologies. But those commitments to quality and service remain unchanged. Today, just as in 1854, FS-Curtis customers can depend on our products for reliable, long-term service. Equally as important, they can depend on getting the same from our people.

A HISTORY OF EXCELLENCE

1854

Curtis & Co. – Empire Saw founded in St. Louis, MO, USA

1857

Earned Agricultural and Mechanical Fair award for excellence and quality

1876

Named Curtis and Co. Manufacturing

1897

Built first reciprocating air compressor that later evolved into the Master Line Series

1914

Supported U.S. Government efforts by producing more than 2 million Howitzer shell forgings

1940

Designed and developed mobile oxygen compressors to be used in Aerospace applications

1955

Merged with U.S. Air Compressor Company, Central Petroleum Company, Lewis Machine Company

1976

Merged with Toledo Tools as Curtis-Toledo Inc.

1979

Introduction of Challenge Air Series reciprocating air compressors

1995

Began manufacturing and assembling Rotary Screw Air compressors

2005

Expanded global market reach by joining forces with Fusheng Industrial

2006

U.S. Headquarters certified as ISO9001:2000 and ISO14001:2004

2010

Introduced next generation GSV Variable Speed Rotary Screw compressors

2015

Introduced Nx series Fixed and Variable Speed Rotary Screw compressors

2016

Nx Series named Plant Engineering's 2015 Product of the Year - Gold Award for Compressed Air

2017

Nx Series claims Plant Engineering's Product of the Year - Gold Award 2nd year in a row

COMPACT. SIMPLE. SMART.



RNP REFRIGERATED DRYERS (10-1200 SCFM) PREMIUM

Sometimes a simple solution is all you need. With their small design and compact footprint, RNP dryers take the basics to new heights, delivering reliable performance day in and day out you've come to expect from FS-Curtis. They remove maximum moisture to increase efficiency and help you get the most from your equipment.

The perfect blend of technology and simplicity, RNP dryers are easy to operate and maintain. Best of all, they're reliable. You can count on an ISO 8573.1 Air Quality Class 4 to Class 5 pressure dew point for efficient, effective delivery of clean, dry, consistent-quality compressed air.

- Simple and reliable copper tube-on-tube heat exchange for RNP10-50
- Stainless-steel brazed plate heat exchanger for RNP75-500
- Designed with quality components for extended service life
- At-a-glance control panel dew point indication verifies performance
- Cleanable cabinet filter for RNP100-1200
- R-134a environmentally friendly refrigerant

TECHNICAL DATA

RNP NON-CYCLING REFRIGERATED COMPRESSED AIR DRYERS

MODELS	CAPACITY ¹ (scfm)	POWER SUPPLY	INLET/OUTLET (npt. male)	DIMENSIONS (LxWxH-In.)	WEIGHT (Lbs.)
RNP10	10	115/1/60	3/8" OD	13 x 13 x 15	64
RNP15	15				69
RNP25	25		3/4" NPT	15 x 15 x 22	88
RNP35	35			20 x 20 x 22	92
RNP50	50			20 x 19 x 20	101
RNP75	75				110
RNP100	100		1" NPT	30 x 13 x 21	123
RNP125	125				133
RNP150	150	460/3/60	1 1/2" NPT	36 x 17 x 30	153
RNP200	200				183
RNP250	250			38 x 20 x 30	211
RNP300	300			38 x 21 x 30	211
RNP400	400		2" NPT	41 x 25 x 32	232
RNP500	500			32 x 22 x 50	262
RNP600	600		3" FLG	59 x 30 x 42	353
RNP800	800			64 x 29 x 45	687
RNP1000	1000			64 x 29 x 45	786
RNP1200	1200		4" FLG	64 x 29 x 45	810

¹Rated Flow Capacity - Conditions for rating above dryers are: compressed air at dryer inlet: 100 psig and 100°F saturated; ambient temperature: 100°F; operating on 60 Hz power supply.
At rated conditions, pressure drop is less than 5 psi.



CONTINUED COMMITMENT

A company history that dates back more than 165 years is a company history that, to us, is just the beginning. FS-Curtis is committed to offering a world-class portfolio of products. Through the dependability of our people and our quality-focused manufacturing, FS-Curtis will continue to be the most trusted and dependable name in compressed air serving even more markets through our ever-growing global presence.

You can count on **FS-Curtis** to approach the next 165 years by staying true to the values and strengths that are appreciated by our customers today.

A WORLD OF DIFFERENCE

The FS-Curtis headquarters in St. Louis, Missouri, U.S.A. is the anchor of a larger global network. FS-Curtis builds quality products — and a quality reputation — at locations around the world.

In addition to our manufacturing and packaging locations, a large global network of sales agents and distributors ensures that sales and service support is available around the world, day in and day out.

ST. LOUIS, MO USA (HEADQUARTERS)

PUNE, INDIA | JUNDIAI, BRAZIL | OBERHAUSEN, GERMANY | SHANGHAI, CHINA | TAIPEI, TAIWAN | PITTSBURGH, PA USA (FS-ELLIOTT)
ZHONGSAN, CHINA | BEIJING, CHINA (FUSHENG) | ZHONGSAN, CHINA (FUSHENG) | HO CHI MINH CITY, VIETNAM (FUSHENG)



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Improvements and research are continuous at FS-Curtis. Specifications may change without notice.

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