

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 1857 1876 1897 1914 1940 1955 1976

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

Earned Agricultural and Mechanical Fair award for excellence and quality

Named Curtis and Co. Manufacturing

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

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

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

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

Merged with Toledo Tools as Curtis-Toledo Inc.

1979 1995 2005 2006 2010 2015 2016 2017

Introduction of Challenge Air Series reciprocating air compressors

Began manufacturing and assembling Rotary Screw Air compressors

Expanded global market reach by joining forces with Fusheng Industrial

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

Introduced next generation GSV Variable Speed Rotary Screw compressors

Introduced Nx series Fixed and Variable Speed Rotary Screw compressors

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

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 RNP75-1200
- Designed with quality components for extended service life
- At-a-glance control panel dew point indication verifies performance
- Models 5/10-15 scfm: Pneumatically operated internal float drain
- Models 25-50 scfm: Electronic drain valve
- Models 75-1200 Furnished with a timed electric condensate drain
- Models 10-125 scfm CFC free R134a refrigerant
- Models 150-1200 scfm R407c refrigerant

TECHNICAL DATA

RNP NON-CYCLING REFRIGERATED COMPRESSED AIR DRYERS

MODELS	CAPACITY* (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			15 x 15 x 22	69			
RNP25	25			20 x 20 x 22	88			
RNP35	35		Standard voltage 460/3/60	3/4" NPT	20 x 19 x 20	92		
RNP50	50				30 x 13 x 21	101		
RNP75	75			1" NPT	35 x 14 x 24	110		
RNP100	100				37 x 19 x 30	123		
RNP125	125				44 x 20 x 32	133		
RNPX150	150				Optional voltage 575/3/60	2" NPT	41 x 25 x 32	148
RNPX200	200						32 x 22 x 50	165
RNPX250	250	3" FLG	42 x 30 x 59	205				
RNPX300	300		45 x 29 x 64	212				
RNPX400	400	4" FLG	4" FLG	45 x 29 x 64	225			
RNP500	500			786				
RNP600	600			810				
RNP800	800							
RNP1000	1000							
RNP1200	1200							

*Rated 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)



Distributed By:



CURTIS-TOLEDO, INC.

1905 KIENLEN AVENUE | ST. LOUIS, MO 63133

314-383-1300

WWW.FSCURTIS.COM | INFO@FSCURTIS.COM

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

ISO 9001

ISO 14001

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