

SRS Refrigerated Air Dryers

.14-4.9 m³/min ■ 5-175 SCFM



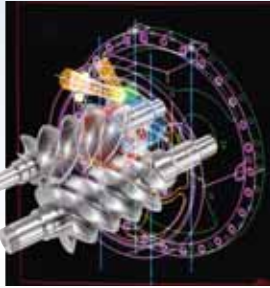
- Reduced power consumption
- Easy to install and use
- Environmentally friendly refrigerant

Sullair Capabilities

Sullair Leadership

Since 1965, Sullair has been recognized around the world as an innovator and a leader in rotary screw compression and vacuum technology.

For more than 40 years, Sullair has designed and manufactured its own rotors and air end assemblies at the corporate headquarters in Michigan City, Indiana.



The award-winning rotary screw design sets the industry standards and delivers the quality and reliability one expects from a leader.

Sullair Technology

Utilizing the most modern technologies, equipment and advanced manufacturing techniques, Sullair designs, manufactures, assembles, and tests the most innovative compressed air and vacuum products in the industry. Sullair products are known around the world for their universally applicable design, outstanding craftsmanship and superior quality.

Sullair's Statistical Process Control

Sullair's Statistical Process Control (SPC) system monitors rotor quality standards to assure consistent compressor and vacuum performance.

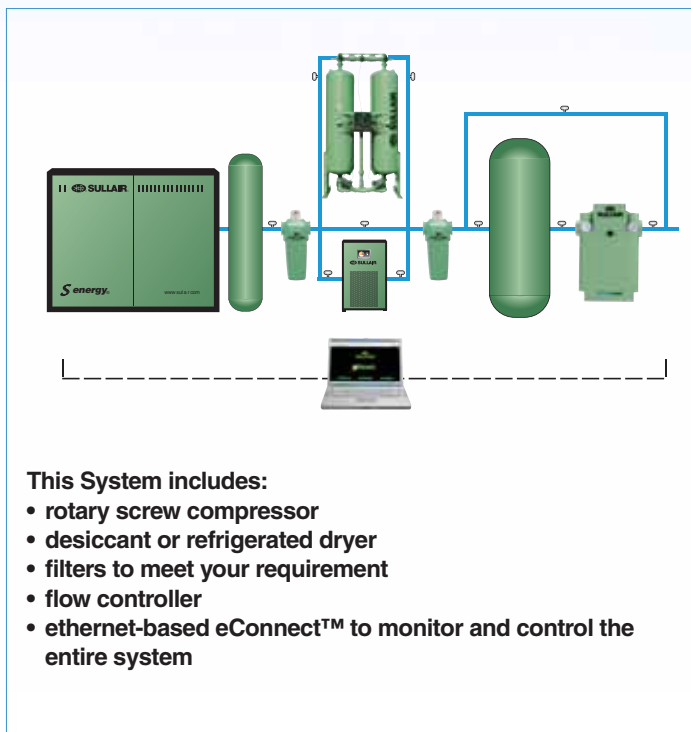
Sullair's Commitment to Innovation

Underlying Sullair's leadership is a dedication to excellence and a commitment to innovation. Sullair is constantly exploring new ideas and seeking new ways to meet industry's need for increasingly energy-efficient compressed air and vacuum solutions.



Sullair Stationary Air Power Systems

Sullair offers total compressed air systems to help compressed air users reduce energy costs and improve productivity by analyzing, managing and controlling their compressed air systems.



The Sullair Warranty

All Inclusive “Peace of Mind” Warranty

Sullair backs our commitment to quality with an unparalleled, non-pro-rated 5 year warranty (*parts and labor*) on the major components. No other manufacturer offers a warranty that is as all inclusive.



(Note: a Sullair prefilter must be installed upstream of the dryer as a prerequisite for this warranty.)

Quality is Third Party Certified and Guaranteed by Sullair.

Superior Dryer Technology in a Small Package Design

Key Features:

- Simple installation
- Small footprint
- Advanced 3-in-1 heat exchanger module
- Oversized demister separator
- Low pressure drop
- Environmentally friendly refrigerant
- Operates up to 122°F ambient
- Dew point indicator
- Easy drain access
- Single panel maintenance access
- 5 year Warranty

Why a Sullair SRS Refrigeration Dryer?

Compressed air is a vital source of energy for industry. Quality air treatment—particularly the removal of condensate—is often overlooked. When cooled, vapor in compressed air will condense, damaging compressed air system and product or process.

The SRS Benefits:

- less system downtime
- reduced operating costs and maintenance
- improved finished product

Advanced 3-in-1 Heat Exchanger Module

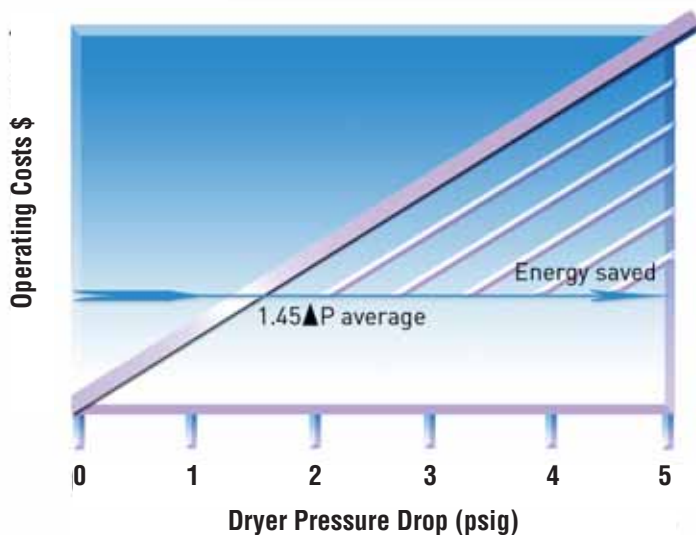
- Air-to-air
- Air-to-refrigerant
- Demister separator



The Sullair SRS Dryers utilize advanced heat exchanger and demister separation technology to deliver low pressure drop and outstanding performance at the lowest cost of operation.

Demister Separator

A high capacity demister separator is employed for the removal of condensed liquids. This lowers the air velocity which maximizes the condensate separation from the air, even when the dryer is not operating at maximum flow. This design also ensures the differential pressure across the dryer is kept to a minimum.



Ease of Maintenance

All service requirements can be performed by removing just one panel on the front of the dryer. The positioning of the drain alcove allows for easy access to the drain without removing panels.



Specifications:

Models SRS-5 to SRS-175

Model	Nominal Flow (scfm)	Air Connections	A	Dimensions (in) B	C	Weight* (lbs)	Primary Voltages
SRS-5	5	1/2" NPT-F	8.3	17	17.7	42	115V/1Ph/60Hz
SRS-10	10	1/2" NPT-F	8.3	17	17.7	42	115V/1Ph/60Hz
SRS-15	15	1/2" NPT-F	8.3	17	17.7	42	115V/1Ph/60Hz
SRS-25	25	1/2" NPT-F	8.3	19.9	19.7	52	115V/1Ph/60Hz
SRS-35	35	1/2" NPT-F	8.3	19.9	19.7	52	115V/1Ph/60Hz
SRS-50	50	3/4" NPT-F	8.9	22.3	20.5	58	115V/1Ph/60Hz
SRS-75	75	3/4" NPT-F	8.9	22.3	20.5	68	115V/1Ph/60Hz
SRS-100	100	3/4" NPT-F	8.9	22.3	20.5	77	115V/1Ph/60Hz 230V/1Ph/60Hz
SRS-125	125	1-1/2" NPT-F	16.7	23.8	21.8	115	115V/1Ph/60Hz 230V/1Ph/60Hz
SRS-150	150	1-1/2" NPT-F	16.7	23.8	21.8	128	115V/1Ph/60Hz 230V/1Ph/60Hz
SRS-175	175	1-1/2" NPT-F	16.7	23.8	21.8	132	230V/1Ph/60Hz

Performance Data Based On:

Ambient temperature	100°F
Inlet temperature	100°F
Inlet pressure	100 psig

For flow rates at other conditions, please contact Sullair for correct sizing

Performance data obtained and presented in accordance with CAGI Standard No. ADF 100, "Refrigerated Compressed Air Dryers – Methods for Testing and Rating"

Technical Data

Maximum ambient temperature	122°F
Maximum inlet temperature	140°F
Minimum ambient temperature	41°F
Maximum inlet pressure	232 psig
Refrigerant	R134a

Flow Correction Factors

Capacity correction to be used when operating conditions differ from those shown above. To obtain dryer capacity at new conditions, multiply nominal capacity x C1 x C2 x C3.

Ambient Temperature (C1)

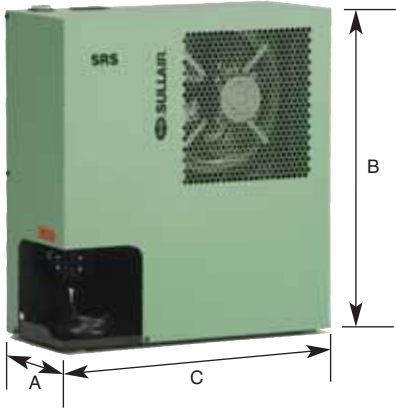
°F	60	70	80	90	100	110	120
°C	16	21	27	32	38	43	49
Correction Factor	1.34	1.26	1.17	1.09	1.0	0.91	0.82

Inlet Temperature (C2)

°F	80	90	100	110	120	130	140
°C	27	32	38	43	49	54	60
Correction Factor	1.57	1.23	1.0	0.82	0.64	0.57	0.43

Inlet Temperature (C2)

°F	80	90	100	110	120	130	140
°C	27	32	38	43	49	54	60
Correction Factor	1.57	1.23	1.0	0.82	0.64	0.57	0.43



Sullair Supplies Compressed Air Systems

For the lowest total cost of ownership, Sullair provides an air system designed to lower operating cost, improve reliability and maximize return on investment.



Sullair offers air systems to help compressed air users reduce their energy costs and improve their productivity by analyzing, managing and controlling total compressed air systems. Information on the compressed air system tailored to your specific needs can be obtained by contacting your local Sullair Distributor. To acquire local distributor contact information visit us online at www.sullair.com or call 219-879-5451.



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