

SRV DRYERS



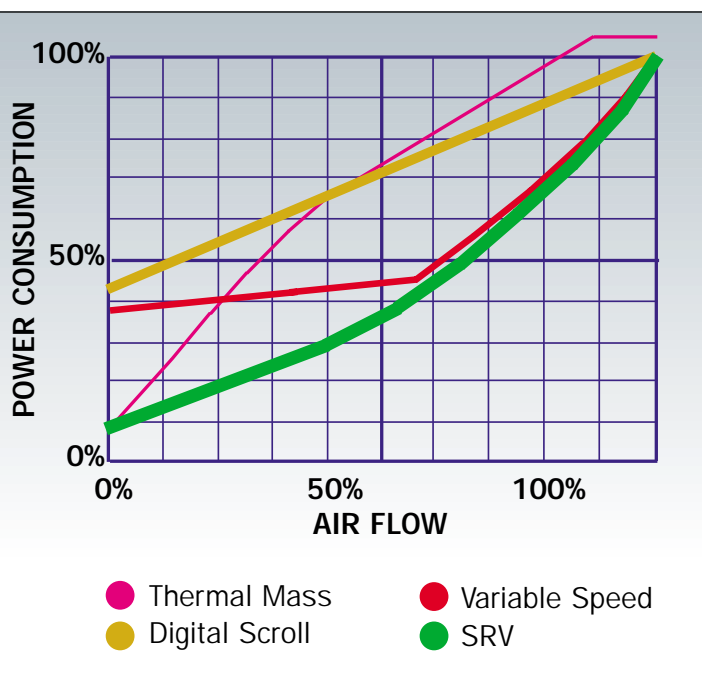
Unmatched Energy
Savings and Unrivalled
Product Quality.

Variable Operation Dryers
250 – 2400 SCFM



Totally unique SRV Dryer reduces energy consumption with dual dryer technologies.

The SRV is the only *variable operation* dryer.



The chart above compares three of the most energy efficient dryers to the Sullair SRV. No other single method of drying compressed air is able to provide the operational efficiencies across the full range of air flow as does the SRV.

The Sullair SRV combines the technologies of variable speed drive and thermal mass storage to produce maximum energy savings and the lowest possible dew point.

The SRV dryer is variable operation dryer. Based on air flow, it provides clean dry air using the most cost-effective method of operation. The benefits of dry air are:

- Productivity improves and maintenance costs are reduced.
- The service life of air tools, motors and cylinders is extended.
- The life of your entire compressed air system is prolonged.

Maximum energy savings in a It's what you expect from a le

The microprocessor controls the dryer operation to provide the most energy cost-effective method of compressed air drying:

- For high air flow, the dryer uses variable speed operation.
- Low to medium air flows utilize cycling operation.

Variable Speed Operation for high air flows

- The compressor is permanently on.
- Inverter operation allows the SRV Dryer to adapt itself to the required load.
- Typical variable speed dryers operate in the range of 40Hz to 60Hz.
- Frequency enhancement increases the useful operating range by controlling the compressor from 40Hz to 70Hz.

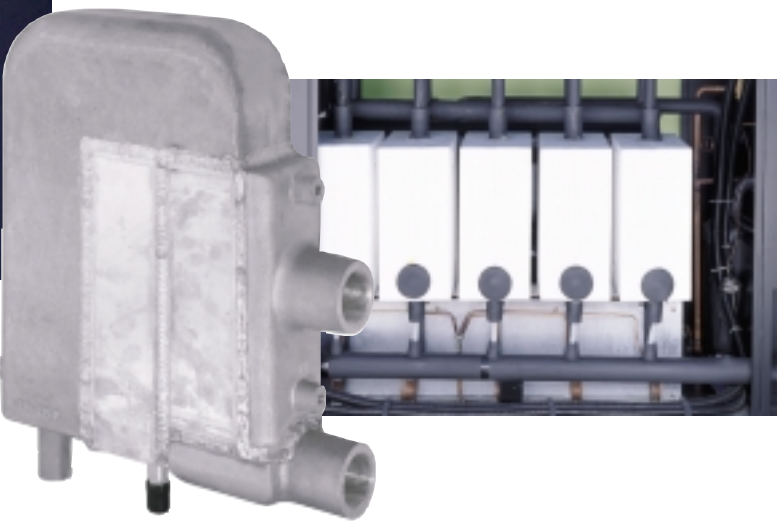


refrigerated air dryer. leader.

Cycling Operation for low/medium air flows

- The compressor cycles on and off.
- Inverter induced "Soft Start" allows a heavy-duty compressor to cycle off and on as often as every 3 minutes.
- The all-in-one cross flow heat exchanger (shown below) offers a high thermal storage.

The benefits of this are maximum savings and reliability.



The heat exchanger offers optimal thermal storage:

- Compact, all-in-one design.
- Insulated aluminum configuration.
- Oversized at the reduced loads during cycling operation.

Use of environmentally-friendly R407C refrigerant ensures compliance with the Montreal Protocol on substances that deplete the ozone layer.



SRV Energy Controller

Simplifies operation:

- Multi function display
- Energy saving indication
- Produces maximum savings by managing the inverter, multiple operation, and by controlling "Soft Start".

Other features include:

- Highest operating limits of 140°F inlet and 122°F ambient. This means the dryer always operates anywhere.
- Fail-safe condensing section on air-cooled models.
- Easy condenser access.
- Cleanable inlet mesh filter. (Standard on SRV 700-2400; optional on others.)
- Oversized condenser prevents condenser fouling and reduces maintenance.
- SCD zero air-loss drain is standard.

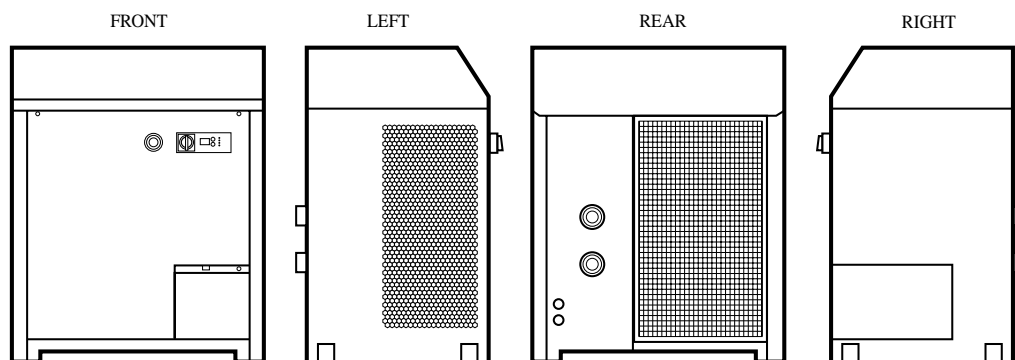
Sullair SRV Specifications

SRV-250 to SRV-300 Specifications

Model	SCFM * 35-39°F	m³/min 2-4°C	Weight lbs. kg.	Length in. mm.	Width in. mm.	Height in. mm.	Air in/out
SRV-250	250	7.1	309 141	26.5 673	36.3 922	47.7 1212	1 1/2"
SRV-325	325	9.2	309 141	26.5 673	36.3 922	47.7 1212	2"
SRV-400	400	11.3	317 144	26.5 673	36.3 922	47.7 1212	2"
SRV-500	500	14.2	331 151	26.5 673	36.3 922	47.7 1212	2"

• Rated flow at CAGI Standard ADF100 for Class H: 33 to 39° pressure dewpoint at 100°F and 100 psig. inlet, 100°F ambient, 100% inlet relative humidity, and 5 psid maximum pressure drop.

Air flow refers to 100°F inlet / 100°F ambient / 100 psig inlet pressure.

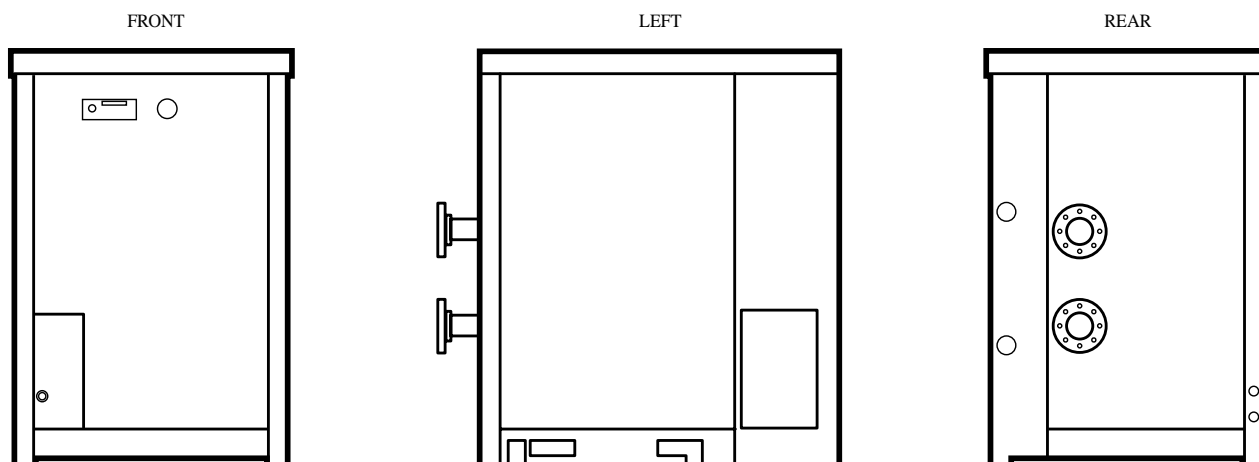


SRV-700 to SRV-2400 Specifications

Model	SCFM * 35-39°F	m³/min 2-4°C	Weight lbs. kg.	Length in. mm.	Width in. mm.	Height in. mm.	Air in/out
SRV-700	700	19.9	882 400	51.6 1311	39.8 1011	59.1 1502	3"
SRV-800	800	22.7	926 420	51.6 1311	39.8 1011	59.1 1502	3"
SRV-1000	1000	28.3	992 450	51.6 1311	39.8 1011	59.1 1502	3"
SRV-1200	1200	34.0	992 450	51.6 1311	39.8 1011	59.1 1502	3"
SRV-1400	1400	39.6	1036 470	51.6 1311	39.8 1011	59.1 1502	4"
SRV-1600	1600	45.3	1213 551	71.3 1811	39.8 1011	59.1 1502	4"
SRV-2000	2000	56.6	1229 581	71.3 1811	39.8 1011	59.1 1502	6"
SRV-2400	2400	68.0	1301 591	71.3 1811	39.8 1011	59.1 1502	6"

• Rated flow at CAGI Standard ADF100 for Class H: 33 to 39° pressure dewpoint at 100°F and 100 psig. inlet, 100°F ambient, 100% inlet relative humidity, and 5 psid maximum pressure drop.

Air flow refers to 100°F inlet / 100°F ambient / 100 psig inlet pressure.



Sullair air quality guarantee

...an air quality guarantee that's as good as gold.

Sullair assures that its System—compressor, dryer and filter—will meet specific performance levels throughout its operational life. We offer a one-year test/review period, backed by a purchase refund guarantee, to verify the performance of the Sullair System.

The Sullair System. The Sullair System matches a Sullair compressor, a Sullair dryer and Sullair filters. Dry air is filtered to remove atmospheric particulate, aerosols and other pollutants to provide compressed air for general purposes to the most critical application.

Two levels of air quality. Sullair recognizes that the requirements for air quality vary according to each compressed air application. For this reason, we provide Systems that achieve two distinct levels of air quality.

Level 1 consists of a Sullair compressor, Sullair dryer and Sullair MPF and MPH or PF/PH filters. The compressed air from this System contains particulates no larger than .01 micron, including coalesced liquid water and lubricants. Maximum remaining oil aerosol content is 0.01 parts per million by weight (ppm/w) @ 70°F, including oil vapor. The air from this Sullair System meets the most stringent ISO standard (ISO 8573.1, Class 1) for air quality.

Level 2 offers the highest quality compressed air for critical applications. The air from this Sullair System exceeds the ISO standard (ISO 8573.1, Class 1) for air quality with the use of the MPC or PC filter. The System includes a Sullair compressor, Sullair dryer and Sullair MPF, MPH and MPC or PF, PH and PC filters. The odor-free compressed air from this system contains particulates no larger than 0.01 micron, including water and oil aerosol content of 0.01 ppm/w @ 70°F. The remaining oil vapor content is less than 0.003 ppm/w.

Select the System. Select the air quality level to meet your plant air or process requirements. You can be assured that the quality of air from the Sullair System you specify will remain consistent for the life of the equipment. Sullair guarantees it. And that's as good as gold.

Sullair is committed to a program of continuous improvement. Features and specifications may change without notice. Consult your Sullair representative or authorized Sullair distributor.



www.sullair.com

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