

# Sullair's Air Quality Guarantee

Your Sullair System will deliver the quality of air you specify.  
Sullair guarantees it.

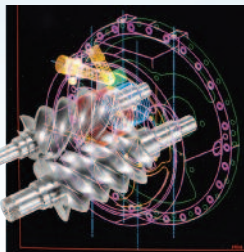
And that's as good as gold.



# 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 Air Quality Guarantee

## Two Levels of Air Quality

Sullair recognizes that the requirements for air quality vary according to each compressed air application. For this reason, Sullair provides compressed air systems that achieve two distinct levels of air quality and a guarantee for each.

## Sullair Stationary Air Power System

The Sullair Stationary Air Power System matches a Sullair compressor, a Sullair dryer and Sullair filters. Sullair assures that its System 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.



## Moisture-free Air

Depending on your application and dew point requirements, Sullair offers you a choice of many refrigerated or desiccant air dryers.

## 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.

### The Sullair Oil-Free Air Quality Guarantee\*

The System consists of a Sullair compressor, Sullair dryer, and Sullair 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 oil vapor and Class 1 for Particulate) for air quality.

### The Sullair Critical Air Quality Guarantee\*

The compressed air from this Sullair System exceeds the ISO standard (ISO 8573.1, Class 1 for oil vapor and Class 1 for Particulate). The System includes a Sullair compressor, Sullair dryer, and Sullair 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 parts per million by weight (ppm/w) @ 70°F. The remaining oil vapor content is less than 0.003 ppm/w.

This System must be operated under the approved operating conditions and maintained in accordance with all manufacturer's recommendations.

### Remedy

If the compressed air delivered by the System shall fail to meet the warranted specification, after Sullair has had written notice and 10 days opportunity to cure any defect (at Sullair's expense), Sullair will reimburse the Buyer for the full purchase price paid to Sullair for the System upon delivery to Sullair

(Freight Collect) of the System in its original maintained condition. This warranty shall be for one year and the remedy must be exercised within one year after start-up of the System. This shall be Buyer's exclusive remedy under this Warranty.

### Warranted Specification

Compliance with either Warranted Specification shall be determined at the Buyer's expense by an independent testing laboratory of the Buyer's choice that is qualified to test for compressed air contaminants and is approved by Sullair.

This warranty applies only to the Warranted Specification of the compressed air produced by the System and does not apply to the individual mechanical components of the System which are separately warranted by the manufacturers thereof.

Warranty is void if the System is not maintained or if any component thereof is removed or modified in any manner which is inconsistent with any recommendations contained in the Service Policy or Operator Manuals applicable to the System and the individual components thereof.

This statement of warranty is expressly in lieu of and disclaims all other expressed Warranties, implied Warranties of merchantability and all other implied Warranties. There are no Warranties which extend beyond the description on the face hereof. This Warranty does not include liability for incidental or consequential damages.

\* These systems are not intended to remove carbon monoxide, methyl isocyanate or other noxious, corrosive or toxic gases, vapors or fumes. The system does not provide breathing air.

### The Sullair Stationary Air Power System

#### This System includes:

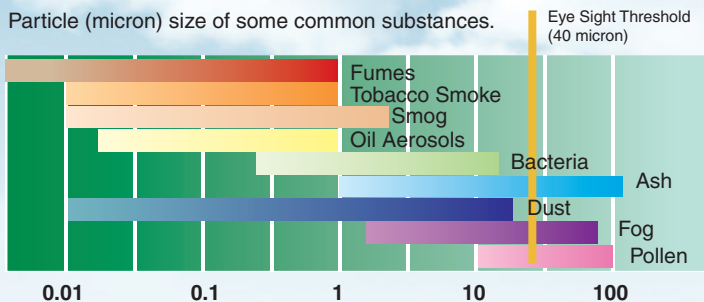
- rotary screw compressor
- wet storage
- refrigerated dryer
- filters to meet your requirement
- dry storage
- flow controller
- drains
- oil/water separator
- ethernet-based eConnect™ to monitor and control the entire system



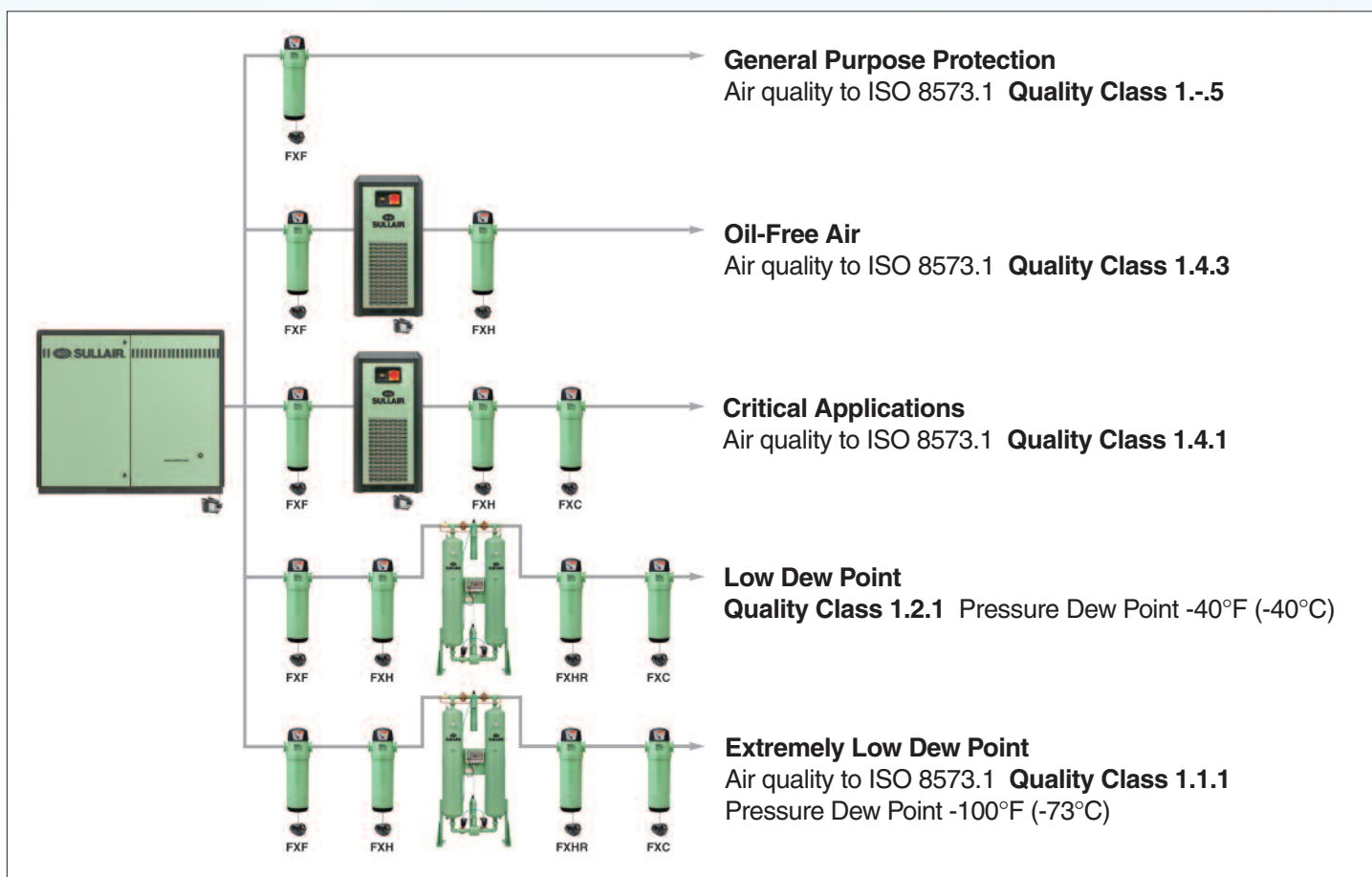


# Air Quality Standards ISO 8573.1 Classes

Particle (micron) size of some common substances.



Class	Solid Particle Maximum number of particles per m <sup>3</sup>			Pressure Dew Point °F	Oil (incl. vapor) mg/m <sup>3</sup>
	0.1-0.5 micron	0.5-1 micron	1.0-5 micron		
1	100	1	0	-94	0.01
2	100,000	1,000	10	-40	0.1
3	-	10,000	500	-4	1.0
4	-	-	1,000	37	5.0
5	-	-	20,000	45	-
6	-	-	-	50	-



  
**SULLAIR®**  
*Always air. Always there.®*

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