



SULLAIR®

STATIONARY AIR POWER

FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS



SEPTEMBER 2018 UPDATE

SULLAIR.COM



WHY SULLAIR?

Air Compressors Built to Last

Reliability

Customers who work with Sullair have found that the intangibles make all the difference — things like trust, confidence, and peace of mind. They go to work every day having full faith in their equipment, as well as the knowledge that dedicated distributors and Sullair personnel have their back every step of the way.

Durability

Bulletproof. Built to last. However you spin it, Sullair compressors are in it for the long haul, driven by the design of the legendary air end. In factories and shops all over the world, you'll find Sullair compressors that have stood the test of time, running consistently today like they did on day one.

Performance

The Sullair vision for success is two-fold: produce clean, quality air for the job at hand, and provide cost-saving solutions for now and the long term. With high standards of efficiency for our compressors, Sullair is committed to customer performance — whether it's a mechanic completing body work, or a major manufacturing plant operating around the clock.

These are the pillars that drive the Sullair brand promise — a promise of quality with every machine we make.

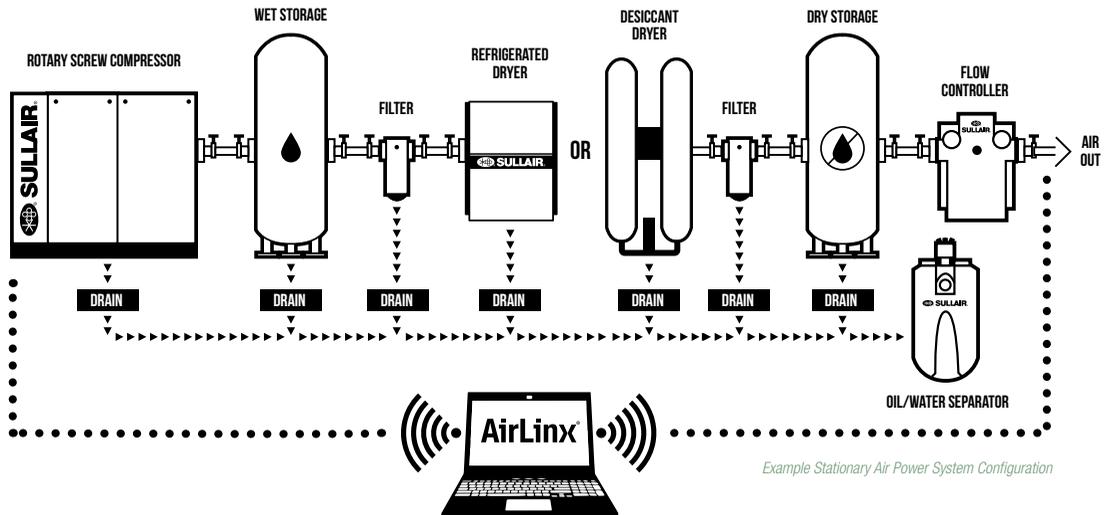
SULLAIR STATIONARY AIR POWER

Your Complete Resource for Stationary Air Power

Inside Your Guide:

- Description of available commercial and industrial air power systems, including standard units, energy efficient models, two-stage compressors and oil free air.
- Critical information on the exclusive 10-Year Diamond Warranty, 5-Year Emerald Warranty, Genuine Sullube® fluid, and the importance of air audits.
- Standard features and additional options for each model.
- Description of air treatment products, Sullair **Genuine Parts**, and other complementary products.

Sullair is a Hitachi Group Company.



Example Stationary Air Power System Configuration

SULLAIR CAPABILITIES

Sullair Stationary Air Power Systems

Sullair Commitment to Innovation

Sullair leadership is dedicated to excellence and committed to innovation. Sullair constantly explores new ideas and seeks new ways to meet and exceed the industry's need for increasingly energy-efficient compressed air and vacuum solutions.

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

Sullair air systems include: plant air audits, energy-efficient products, compressed air system controls, equipment to monitor and manage systems, air distribution products, and after-purchase support.

Each component of the system is carefully matched for capacity and pressure to provide maximum performance and energy efficiency. The example Sullair air system exceeds the ISO standard (ISO 8573.1, Class 1 for oil vapor and Class 1 for particulate). The odor-free compressed air from this system contains particulates no larger than .01 micron, including water and oil aerosol content of .01 parts per million by weight (ppm/w) @ 70°F (21.1°C). The remaining oil vapor content is less than .003 ppm/w.

The Compressed Air System shown above includes:

- Rotary screw compressor
- Wet storage tank
- Refrigerated dryer
- Dry storage
- Flow controller
- Drains
- Oil/water separator
- AirLinx® Remote Monitoring
 - Provides real-time access of all compressor operational parameters via web, tablet or smartphone

SULLAIR QUALITY

10-Year Diamond Warranty

Confirming our rugged design and commitment to customer satisfaction, all new Sullair LS and S-energy® stationary air compressors, plus select other models (with discharge pressures up to 150 psig), include the exclusive 10-Year Diamond Warranty. The comprehensive warranty covers:

- 10 years on the air end
- 5 years on the motor, fan motor, VSD, air/fluid receiver, oil cooler and aftercooler



Look for the Diamond Warranty icon on the following pages showing products covered.

5-Year Emerald Warranty

ShopTek® compressors are covered by the 5-Year Emerald Warranty, which provides coverage on major components including:

- Air end
- Air/fluid receiver
- Main drive motor
- Fluid cooler
- Aftercooler



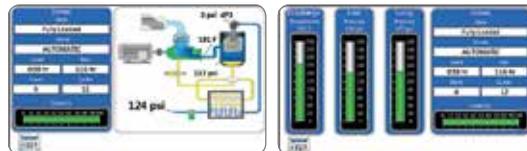
LS SERIES

Lubricated Rotary Screw Air Compressors
 125 to 200 hp (90 to 160 kW)



Single-Stage Lubricated Rotary Screw Air Compressors

- 60Hz capacities from 634 to 1030 cfm (17.7 to 29.2 m³/min); Pressures available: 100, 110, 125, 150, 175, 200 psig (7.0, 7.6, 8.6, 10.3, 12.0, 13.8 bar)
- Patent-pending Sullair air end provides ultimate efficiency
- 10" Sullair Touch Screen Controller provides full access to all compressor operational parameters
- Sullair Electronic Spiral Valve (optional) closely matches supply to system demand
- **Standard Features Include:**
 - AirLinX® Remote Monitoring
 - Wye-Delta Starter
 - NEMA 4 Enclosure
 - Phase monitor
 - Surge protection
 - Zero loss drain
 - Full enclosure with hinged panels
 - Full base frame
- **Options Include:**
 - VSD
 - Open unit
 - 55°C package
 - Weather hood
 - Water regulation valve
 - Water solenoid valve
 - Control box heater
 - Frost free trap heater



YOU'RE IN CONTROL
 10" SULLAIR TOUCH SCREEN CONTROLLER

ShopTek®

ShopTek®



ShopTek®

Lubricated Rotary Screw Air Compressors
5 to 20 hp (4 to 15 kW)



ShopTek Lubricated Rotary Screw Air Compressors

- 60Hz capacities from 16 to 80.1 cfm (.47 to 2.2 m³/min); Pressures available: 125, 150, 175 psig (9, 10, 12 bar)
- 50Hz capacities from 17.7 to 81.2 cfm (.5 to 2.3 m³/min); Pressures available: 116, 145, 188 psig (8, 10, 13 bar)
- Rotary screw dependability, designed for continuous duty
- Compact footprint requiring minimal floor space
- High efficiency performance for maximum output using minimal power
- Simple design to provide maximum durability
- Easy access to control panel
- Easy access oil sampling valve
- Factory filled with 10,000-hour Genuine Sullube®
- Acoustic enclosure provides additional noise attenuation to levels as low as 66 dBA
- 5-Year Emerald Warranty
- Available in single phase and tri-voltage models.

ShopTek®

Lubricated Rotary Screw Air Compressors
25 to 100 hp (18 to 75 kW)
€ 18 to 112 kW



ShopTek Lubricated Rotary Screw Air Compressors

- 60Hz capacities from 103 to 443 cfm (2.9 to 12.5 m³/min); Pressures available: 115 psig (7.9 bar)
- 50Hz capacities from 92 to 692 cfm (2.6 to 19.6 m³/min); Pressures available: 116, 145 psig (8, 10 bar)
- Rotary screw dependability, designed for continuous duty
- Compact footprint for minimum floor space
- Premium motor is standard, providing high efficiency performance
- Simple design to provide maximum durability
- Easy access to control panel
- Easy access oil sampling valve
- Factory filled with 10,000-hour Genuine Sullube®
- Acoustic enclosure provides additional noise attenuation to levels as low as 75 dBA
- 5-Year Emerald Warranty

S-energy®



S-energy®



ES-6 S-energy®

Encapsulated Rotary Screw Air Compressors
5 to 10 hp (4 to 7 kW)



ES-6 S-energy® Encapsulated Air Compressors

- 60Hz capacities from 13 to 36 cfm (.36 to 1 m³/min); Pressures available: 125, 175 psig (9, 12 bar)
- Rotary screw dependability, designed for continuous duty
- Compact footprint to maximize floor space
- High efficiency performance which can reduce life cycle costs
- Low maintenance costs due to fewer ports and connections
- Maintenance-free internal gear drive
- Choice of two compressor fluids: Genuine Sullube® standard factory fill or optional PristineFG™ (food grade lubricant)
- Easy access oil sampling valve
- Acoustic enclosure provides additional noise attenuation to levels as low as 68 dBA
- Open and enclosed models available
- Optional Performance Air System includes refrigerated dryer and filtration
- Designed with 40% fewer parts than conventional models

Note: Diamond Warranty applies to models up to 150 psig

S-energy®

Encapsulated Rotary Screw Compressors
15 to 25 hp (11 to 18 kW)

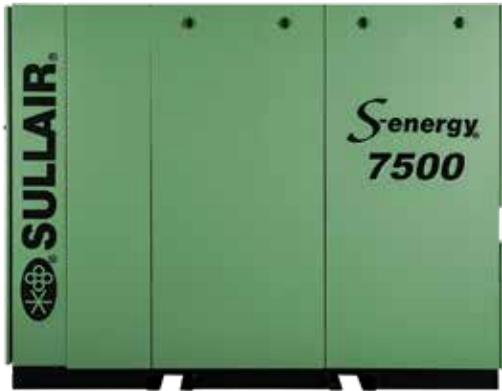


S-energy® Encapsulated Air Compressors

- 60Hz capacities from 43.7 to 108 cfm (1.2 to 3.1 m³/min); Pressures available: 100, 125, 150, 175 psig (7, 9, 10, 12 bar)
- 50Hz capacities from 36.1 to 98.3 cfm (1 to 2.8 m³/min); Pressures available: 100, 125, 150, 175 psig (7, 9, 10, 12 bar)
- Integrated package design significantly increases uptime
- More energy efficient than similar compressors
- Low total life cycle costs including long-life bearings, rotors and consumable parts
- Excellent motor cooling design for longer motor life
- Sequencing standard
- NEMA 4 standard (Constant Speed Drive models)
- WS Controller™ microprocessor standard
- Expertly designed package allows for easy service
- Easy access oil sampling valve
- More compact than similar compressors and fits through a standard 36-inch door
- Acoustic enclosure provides sound levels as low as 66 dBA at 1 meter
- Use a Windows PC to remotely monitor, upgrade the software and set up changes
- Optional Variable Speed Drive
- Choice of two compressor fluids: Genuine Sullube® standard factory fill or optional PristineFG™ (food grade lubricant)

Note: Diamond Warranty applies to models up to 150 psig

S-energy®



S-energy®

Lubricated Rotary Screw Air Compressors
25 to 100 hp (18 to 75 kW)



S-energy® Single-Stage Air Compressors

- 60Hz capacities from 85 to 500 cfm (2.4 to 14.2 m³/min); Pressures from 100 to 175 psig (6.9 to 12.1 bar)
- 50Hz capacities from 84 to 176 cfm (2.4 to 5.0 m³/min); Pressures from 100 to 175 psig (6.9 to 12.1 bar)
 - 50Hz available 18–30 kW options only
- Robust enclosure design with lift-off panels for easy maintenance
- Proven air end with low-restriction inlet valve
- TEFC Motor
- Oversized oil/aftercooler with integrated moisture separator
- Efficient centrifugal fan and housing
- WS Controller™ microprocessor standard with sequencing of up to 16 machines
- Easy access oil sampling valve
- Choice of two compressor fluids: Genuine Sullube® or optional PristineFG™ (food grade lubricant) available
- NEMA 4 Starter cabinet
- Compact footprint
- Acoustic enclosure provides sound levels as low as 68 dBA at 1 meter
- **Options Include:**
 - Spiral Valve
 - Variable Speed Drive
 - Cold weather package
 - High static fan
 - Heat recovery
 - (40–100 hp “P” series only)

Note: Diamond Warranty applies to models up to 150 psig

TWO-STAGE EXTREME PRESSURE

Lubricated Rotary Screw Air Compressors
200 to 500 hp (149 to 373 kW)



Two-Stage Extreme Pressure Air Compressors

- 60Hz capacities from 500 to 1350 cfm (14.2 to 37.8 m³/min); Pressures from 225 to 500 psig (15.5 to 34.5 bar)
- 50Hz capacities from 523 to 1225 cfm (14.8 to 34.7 m³/min); Pressures from 225 to 350 psig (15.5 to 24.1 bar)
- Dependable, high-performance two-stage compressor delivering a power advantage
- Genuine Sullube® standard factory fill
- Supervisor™ Microprocessor Controller is standard, adds reliability and simplifies controls
- Dual nested separator elements to reduce fluid carryover
- Flanged fluid connections
- Premium efficient motors are standard
- Optional acoustic enclosure provides additional noise attenuation
- Designed and built for specific high pressure compressed air applications, including:
 - Aerospace — engine testing
 - Controls and valves — high pressure valve testing
 - Mining and chemical — high pressure filtration systems
 - PET Bottling — bottle blowing
 - Fabrication — pressure vessel testing



SINGLE-STAGE

Lubricated Rotary Screw Air Compressors
250* to 350 hp (186 to 261 kW)



Single-Stage Air Compressors

- 60Hz capacities from 1075 to 1615 cfm (30.4 to 45.7 m³/min); Pressures available: 100, 125 psig (7, 9 bar)
- 50Hz capacities from 795 to 1563 cfm (22.5 to 44.2 m³/min); Pressures available: 100, 125, 150 psig (7, 9, 10 bar)
- Supervisor™ Microprocessor Controller monitors essential functions
- NEMA 4 Starter (fixed speed units)
- Air end life is lengthened by Sullair superior bearing arrangement
- Optional acoustic enclosure provides additional noise attenuation
- Choice of air-cooled or water-cooled models
- **Options Include:**
 - Spiral Valve
 - Variable Speed Drive
 - Cold weather package
 - High static fan
 - Heat recovery
 - Choice of two compressor fluids: Genuine Sullube® standard factory fill or optional PristineFG™ (food grade lubricant)

* 50Hz available starting at 200 hp

TWO-STAGE

Lubricated Rotary Screw Air Compressors
100 to 600 hp (75 to 450 kW)



Two-Stage Rotary Screw Air Compressors

- 60Hz capacities from 495 to 3000 cfm (14.0 to 84.9 m³/min); Pressures available: 100, 125, 150, 175 psig (6.8, 8.6, 10.3, 12.0 bar)
- 50Hz capacities from 434 to 2900 cfm (12.3 to 82.1 m³/min); Pressures available: 100, 125, 150, 175 psig (6.8, 8.6, 10.3, 12.0 bar)
- Choice of two compressor fluids: Genuine Sullube® standard factory fill or optional PristineFG™ (food grade lubricant)
- Energy savings payback is often realized within the first two years
- Proven two-stage technology since 1984
- Tapered roller bearings for high-load carrying capacity — since compression is shared between two stages, bearing loads are reduced, extending air end life
- NEMA 4 Starter Enclosure and Controls Standard (TS-32 models)
- NEMA 12 Starter Enclosure and Controls Standard (TS-20 models)
- Spiral Valve (TS-20, TS-32, TS-32S models)
- Premium efficient motors standard on 100 to 450 hp (75 to 336 kW)
- Supervisor™ Microprocessor Controller
- Acoustic enclosure provides additional noise attenuation
- Choice of air- or water-cooled models
- **Options Include:**
 - Variable Speed Drive
 - Cold weather package
 - High static fan
 - EES Heat recovery (models up to 400 hp)

Note: Diamond Warranty applies to models up to 150 psig



SRL SERIES

Oil Free Scroll Air Compressors
2 to 44 hp (1.5 to 33 kW)



Oil Free Air Compressors

- 60Hz capacities from 5.7 to 129 cfm (.16 to 3.7 m³/min); Pressures from 120 to 145 psig (8.3 to 10.0 bar)
- Simplex (one air pump) and multiplex (up to six air pumps) models available
- Certified Class 0 Oil Free Air
- Single phase and three phase options available
- Quiet scroll compression technology — sound levels as low as 48 dBA
- Multiple energy-savings options built in to help maximize compressor efficiency
- SRL exclusive scroll and pump design
 - Patented scroll wrap design with labyrinth seal
 - Two air inlets to reduce stress on pump
 - Proprietary tip seal reduces air leakage while extending service intervals
 - Normal maintenance can be completed without disassembling pump
- Highly efficient cooling
 - Multi stage cooling reduces ambient temperature out
 - Receiver tank helps dissipate heat while reducing compressor starts/stops

DSP SERIES

Oil Free Rotary Screw Air Compressors
30 to 300 hp (22 to 240 kW)



Oil Free Air Compressors

- 60Hz capacities from 117 to 1303 cfm (3.3 to 36.9 m³/min); Pressures from 100 to 145 psig (6.8 to 10.0 bar)
- Certified Class 0 Oil Free Air
- Hitachi engineered package designed to optimize efficiency and care-free operation
 - Patented taper rotor design optimized for efficiency
 - Stainless steel robotically applied to rotors in both 1st and 2nd stages
 - Patented PTFE-free rotor coating designed for long life
 - Patented oil mist remover to recapture gearcase oil mists
 - Motorized isolation valve — automatically closes compressed air discharge to prevent condensate backflow
- **Standard Features Include:**
 - Phase monitor
 - Hitachi TEFC motor (models above 100 hp)
 - Multi-stage cooling including patented High Pre-Cooler
 - Maintenance and service-friendly features
- **Options Include:**
 - VSD
 - Air-cooled
 - Water-cooled



DS-13 SERIES

Oil Free Rotary Screw Air Compressors

100 to 200 hp (75 to 149 kW)



Oil Free Air Compressors

- 60Hz capacities from 427 to 801 cfm (12.1 to 22.7 m³/min);
Pressures available: 100, 125, 150 psig (7, 9, 10 bar)
- Efficient two-stage compression
- NEMA 4 Controls and Starter Enclosure
- NEMA 12 with optional VSD
- PTFE-based food-grade coating on rotors and stators inhibits corrosion and minimizes clearances
- Air-buffered seals protect against migration of lubricating oils into the compressor chamber
- Air end and motor are warranted for 5 years, including parts and labor
- Bearing life is lengthened to L10 life of 100,000 hours through superior design arrangement, increasing reliability and lowering maintenance costs
- Supervisor™ Microprocessor Control is standard
- Available in standard, air-cooled and water-cooled configurations



SULLAIR CENTRIFUGAL COMPRESSORS

Oil Free Centrifugal Air Compressors



Sullair centrifugal compressors are the ideal choice when seeking energy efficiency, low maintenance costs, reliability, durability and Class 0 Oil Free Air.

T-SERIES

Oil Free Centrifugal Air Compressor

125 to 2300 hp (125 to 1715 kW)



Sullair T-series Centrifugal compressors — T2, TX, TRA, TRE, TRX and T3 — feature:

- 60Hz capacities from 550 to 11,750 cfm (15.6 to 332.7 m³/min); Pressures from 20 to 230 psig (1.4 to 15.9 bar)
- High-powered titanium impellers to provide additional strength while resisting corrosion
- Standard Inlet Guide Vane guides gas flow direction, saving up to 9% power consumption when not in full load operation
- Robust gear box with integrated coolers
- Advanced PLC control system

f-SERIES

Oil Free Centrifugal Air Compressor

175 to 2300 hp (125 to 1715 kW)



Sullair f-series compressors are high-performance, custom-designed compressors to meet specific needs. Available in both packaged and non-packaged options with compression available from single stage up to four stages, f-series compressors offer:

- 60Hz capacities from 1200 to 118,000 cfm (34 to 3341.5 m³/min); Pressures available from 15 to 725 psig (1 to 50 bar)
- Class 0 Oil Free Air
- Highly efficient design to reduce energy usage
- Horizontal split design gearbox allowing easy access to all moving parts and simplifying maintenance



COMPRESSOR CAPACITY CONTROLS

Air Compressors with Spiral Valve

- Variable displacement air end allows compression volume to change based on spiral valve location
- Provides energy efficient turn down up to 50%, at a fraction of the VSD price
- Sullair capacity control systems are simple, reliable and consist of a proven spiral valve and inlet butterfly valve
- LS Series features Sullair Electronic Spiral Valve with efficient turn down to 55%
- Provides energy savings up to 30% compared to standard control systems
- Matches compressor displacement with output need
- Outstanding energy efficiency in all operating conditions including high elevation and dirty environments

Variable Speed Drive Air Compressors

- Sullair Smart Technology applies design simplicity to variable speed drive for improved performance and unrivaled benefits
- Turndown capability down to 20% (100-15% range)
- Provides significant energy savings
- Performs "soft" start, avoiding high in-rush current at start-up
- Unlimited starts and stops provide flexibility and energy savings
- Automatically controls acceleration and deceleration; reduces stress on mechanical components
- Built-in harmonic filtration saves the expense of purchasing additional costly corrective devices

ENERGY EFFICIENCY SYSTEMS

Rotary Screw Air Compressors

This option offers big benefits and maximum return on investment. Heat can be recovered and converted into recirculating air for comfort heating in plants or pre-heated process air. When not required, heat is rejected to the outdoors.

Annual Energy Savings

A 300 hp (224 kW) compressor can generate 13,610 BTU/minute. This represents 8.16 therms/hour of usable heat worth \$4,080 per 1000 hours of compressor operation at \$0.50/therm.

Payback in Less than Two Years

Recover costs in less than two years with the resulting energy savings. The EES[®] can be installed for an initial investment equal to or less than nearly any heat recovery system.

Control Temperature

Thermostatic monitoring and the ability to mix outdoor air with recirculating air allows for better temperature control. Temperature range can be adjusted from 50°F to 90°F (10°C to 32°C).

Negative Pressure Problem Solved

By bringing in a continuous flow of outside air, the EES System will provide positive make-up air to virtually eliminate negative pressure in the plant.



SULLAIR VACUUM SYSTEM

Rotary Screw Vacuum

5 to 200 hp (4 to 145 kW)

Rotary Screw Vacuum Systems

- 60Hz capacities from 79 to 3095 cfm (2.2 to 87.6 m³/min)
- 50Hz capacities from 79 to 2496 cfm (2.2 to 70.7 m³/min)
- Vacuum to 28" Hg (711 mm)
- Proven rotary screw technology produces vacuum at unrivaled efficiencies
- Substantially lower operating costs — 15–50% lower than other types of vacuum pumps
- Air cooling requires no water supply for sealing and saves cost of water treatment and disposal
- Water-cooled models also available
- Capacity control maintains constant vacuum, and automatically matches vacuum pressure to process requirements
- Standard fill is SRF 1/4000®, Sullair 4000-hour fluid or optional Genuine Sullube® fluid
- Duplex and Hospital Suction Packages (NFPA-99 compliant) also available
- Optional acoustic enclosure provides noise attenuation

Sullair Hospital Suction Packages (HSP) are specifically designed to provide continuous vacuum for medical vacuum systems. These pumps meet or exceed applicable requirements for packaged vacuum pumps per NFPA 99 (2015), Health Care Facilities recommendations. Simplex packages have a capacity range from 78 to 1000 cfm (2.2 to 28.3 m³/min); duplex packages are available from 78 to 300 cfm (2.2 to 8.5 m³/min) per pump.

NOTICE: Not approved for waste anesthetic gas disposal. See website and product for more information.



DESICCANT DRYERS

3 to 10,000 cfm (.08 to 283.1 m³/min)

DHL Heatless Series — Mounted Filters Standard

- 60Hz capacities from 80 to 5000 cfm (2.3 to 141.6 m³/min)
- PLC control with text display
- Pre- and after-filter pre-piped and mounted as standard
- Field adjustable drying cycle time (10–15 min)
- -40°F (-40°C) pressure dew point (-4°F/-20°C and -100°F/-73°C optional)
- Adjustable purge valves and purge flow indicator
- High quality valves
- ASME/CRN code welded pressure vessels
- UL/CUL electrical certified
- Separate drain and fill port
- Separate safety pressure relief valve for each tank
- Stainless steel inlet/outlet diffusers
- Tower pressure gauges
- Fail-safe design in case of power failure
- Common alarm contact

DEX Externally Heated and DBP Blower Purge Series (Filters Optional)

- 60Hz capacities from 200 to 10,000 cfm (5.7 to 283.1 m³/min)
- Same high quality standard features as DHL
- Color touch screen PLC Controller display for easy user interface
- Insulated heater housing and piping
- High heater outlet temperature shut off and alarm
- Safety back-up contactor
- Thermostatically controlled heating
- Safety heater thermostat
- Low-watt density heater

Desiccant Modular Dryer (DMD)

- 60Hz capacities from 3 to 240 cfm (.08 to 6.8 m³/min)
- Completely automatic
- Compact design with high quality components
- -40°F (-40°C) pressure dew point
- Adjustable wall mounted
- Quick and easy connection
- Point of use for smaller compressors
- Low pressure drop

All desiccant dryers come with a 3-year bumper to bumper warranty



REFRIGERATED DRYERS

15 to 7500 cfm (.42 to 212.4 m³/min)

SRHT High Temperature Non-Cycling Refrigerated Dryers

- 60Hz capacities from 20 to 350 cfm (.57 to 10.7 m³/min)
- Maximum operating temperature up to 212°F (100°C)
- Vertical profile aluminum heat exchanger
 - Minimum pressure drop
 - Gravitational self-cleaning
- Hot gas bypass designed for stable dew point in varying operating conditions
- Integrated Sullair SulliiMax™ Drain
- Integrated pre-filter
- Large cross section of flow channels for low velocities and reduced power input
- Open frame design for easy service

SRB Compact Non-Cycling Refrigerated Dryers

- 60Hz capacities from 10 to 480 cfm (.28 to 13.6 m³/min)
- Vertical profile heat exchanger
 - Minimum pressure drop
 - Gravitational self-cleaning
- Hot gas bypass designed for stable dew point in varying operating conditions
- Compact design
- Open frame design for easy service

SRC Series Cycling Refrigerated Dryers

- 60Hz capacities from 30 to 500 cfm (.85 to 14.2 m³/min)
- Vertical profile heat exchanger
 - Minimum pressure drop
 - Gravitational self-cleaning
- Independent operation controller and valve for maximum dew point stability
- Cold trap design
- High efficiency performance
- Integrated Sullair SulliiMax™ Drain
- Open frame design for easy service

SRP Premium Refrigerated Dryers

- 60Hz capacities from 20 to 7500 cfm (.57 to 212.4 m³/min)
- Vertical profile heat exchanger
 - Minimum pressure drop
 - Gravitational self-cleaning
- Hot gas bypass designed for stable dew point in varying operating conditions
- High efficiency performance
- Oversized condensers
- Integrated Sullair SulliiMax™ Drain
- Open frame design for easy service

SRCV Series Variable Speed Refrigerated Dryers

- 60Hz capacities from 800 to 6000 cfm (22.7 to 169.9 m³/min)
- Vertical profile heat exchanger
 - Minimum pressure drop
 - Gravitational self-cleaning
- Variable Speed Technology for maximum energy savings
- Independent operation controller and valve for maximum dew point stability
- High efficiency performance
- Integrated Sullair SulliiMax™ Drain
- Open frame design for easy service



AIR FILTRATION/MIST ELIMINATORS

25 to 1600 cfm (.70 to 45.31 m³/min)

Sullair Family of Filtration

- Superior filtration from 1 micron to 0.01 micron
- Durable element construction
- Efficient drain layer ensures continued performance after optimal element change periods

Particulate Filters: F and FR Elements

- High efficiency filters remove particles to 1 micron, including coalesced liquid water and lubricants
- Maximum remaining aerosol content after filtration is .5 ppm at 70°F (21°C)

High Efficiency Coalescing Filtration: H and HR Elements

- Maximum filtration to remove particulate down to 0.01 micron, including water and oil aerosols, providing a maximum remaining oil aerosol content of .01 ppm at 70°F (21°C), when used with Sullair particulate filters

Vapor Removal: C Elements

- Filters with activated carbon remove lubricant and hydrocarbon odors
- Remaining vapor content is less than .003 ppm (excluding methane). This filter installation should always be preceded by high efficiency filter grades.

High Pressure: HP Element

- High pressure filters are available up to 725 psig (49.9 bar)

High Temperature: HT Element

- High temperature filters are available up to 350°F (176.6°C)

OIL/WATER SEPARATORS

20 to 3000 cfm (.6 to 85 m³/min)

The Green Solution

SP model Oil/Water Separators are engineered molecular filtration solutions for condensate discharge problems. These units are designed for molecular filtration of condensate, including emulsified lubricant solutions. SP units have a 100% performance guarantee of less than 10 ppm oil carryover.

- Rugged HDPE construction

Easy Installation

- Place it and forget it

Maintenance-Free

- No pumps, sensors, or pre-separation filter pads
- No messy element changes
- No power consumption
- No fumes
- No odors
- Disposal as non-hazardous special waste
- Environmentally considerate



DRAINS

for Compressed Air Systems
Zero air loss and timed solenoid

The Mini – Zero Air Loss Drain

- No electricity required
- Zero air loss during the discharge cycle
- Designed for any size downstream filters
- Simple to install, easy to maintain
- Valve is fully serviceable

Timed Solenoid Drain

- Does not air lock during operation
- Works with any size system
- Dual thread inlet
- Valve is fully serviceable
- Mounting can be vertical or horizontal
- Built-in test feature
- UL/CUL approved



FlowLogic™

Flow Pressure Controllers
150 to 5500 cfm (4.24 to 155.7 m³/min)

FlowLogic Flow Pressure Controllers

- Eliminates large swings in pressure by monitoring discharge air to maintain stable air pressure within 1 to 2 psig (.07 to .13 bar)
- Saves energy by reducing plant pressure to the lowest acceptable level
- FlowLogic™ Controllers can pay for themselves in energy savings alone, often in as little as 6 months
- Stable pressure helps lower product defects and improve product consistency
- Can reduce number of compressors required
- Optional fail-safe bypass circuit minimizes risk of production interruptions due to power failure or system malfunction
- Electric or pneumatic controls
- Includes a 1-Year warranty



AFTERMARKET

Dedicated to providing the complete compressed air solution, Sullair provides a full complement of Genuine Parts, lubricants and fluids, as well as other solutions to help you keep your air compressors running optimally.

Sullair Genuine Parts

Sullair design and engineering teams ensure that the parts used in our compressors are of the highest quality, providing years of trouble-free performance. When it comes to replacement parts, it is essential to only use Sullair Genuine Parts, including:

- Fluid filters
- Air filters
- Downstream filters
- Separators

LUBRICANTS

Sullair takes pride in providing the best compressor lubricants in the industry. Designed specifically for the rigorous requirements of today's compressors in a multitude of environments, Sullair lubricants include:

Genuine Sullube®

A 10,000-hour, extended-life synthetic lubricant powered by Dow technology, Sullube has been used in more than 50,000 compressors worldwide.

24KT®

Sullair 24KT has a silicone-based structure that does not break down at normal operating temperatures and is ideal for compressors running 24/7.

PristineFG™ Food Grade

Designed specifically for compressors used in food, beverage and pharmaceutical applications and meets FDA and USDA H-1 requirements.

SRF II/8000®

SRF II/8000 lasts up to 8000 hours and has a high resistance to breakdown.

SRF 1/4000®

SRF 1/4000 lasts up to 4000 hours and is ideal for machines that do not run continuously but still require a high viscosity index.

Centrifugal Lubricants

- **CCL** is a highly refined mineral oil designed specifically for fast speed machinery
- **CCL PLUS** is a synthetic lubricant for fast speed machinery

SULLAIR PARTS, SERVICE AND WARRANTIES

A Complete Parts, Service and Training Solution

Sullair offers the complete solution for compressed air system needs ranging from replacement parts and fluids — engineered and manufactured to Sullair standards — to service and training designed to keep compressed air systems running at optimal performance.

10-Year Diamond Warranty

Confirming rugged design and a commitment to customer satisfaction, all new Sullair lubricated stationary air compressors (with discharge pressures up to 150 psig) include the exclusive 10-Year Diamond Warranty. The comprehensive warranty covers:

- 10 years on the air end
- 5 years on the motor, VSD (if equipped), air/fluid receiver, oil cooler and aftercooler



5-Year Emerald Warranty

ShopTek® compressors are covered by the 5-Year Emerald Warranty, which provides coverage on major components including:

- Air end, air/fluid receiver, main drive motor controller, fluid cooler and aftercooler

Factory Training

Air Care seminars are presented by factory-certified instructors at the Sullair Service Training Center in Michigan City, Indiana. Seminars feature hands-on training as well as classroom instruction.

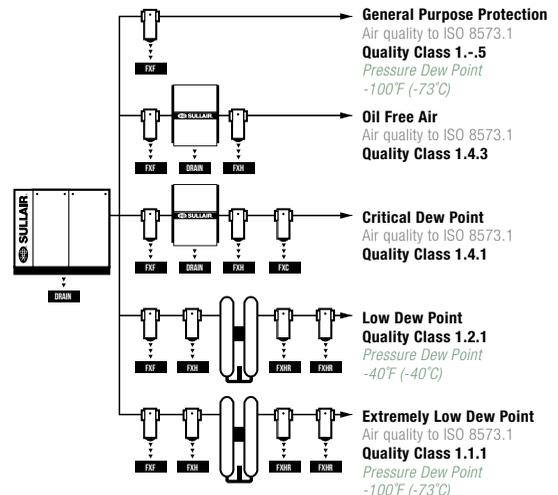
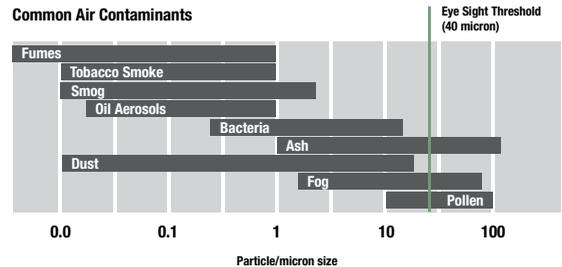
Lubricant Technology Leadership

Sullair has always maintained that lubricants are the lifeblood of its compressors. Inspired by this challenge, we've earned a position of leadership in fluid technology by spearheading the development of lubricants that extend service life, improve economics and maximize equipment performance.

AIR QUALITY STANDARDS

ISO 8573.1 Classes

Class	Solid Particle Maximum number of particles per m ³			Pressure Dew Point °F (°C)	Oil (incl. vapor) mg/m ³
	.1–.5 micron	.5–1.0 micron	1.0–5.0 micron		
0	As specified by the end-user or manufacturer, and more stringent than Class 1				
1	100	1	0	-94° (-70°)	0.01
2	100,000	1,000	10	-40° (-40°)	0.10
3	—	10,000	500	-4° (-20°)	1.00
4	—	—	1,000	37° (2.7°)	5.00
5	—	—	20,000	45° (7.2°)	—
6	—	—	—	50° (10°)	—



AIRSUITE™



SYSTEM PERFORMANCE SUMMARY			
	FLOW (cfm)	PRESSURE (psig)	POWER (kW(hp))
Abs. Minimum	724.3	60.2	112.8 (151.2)
Minimum*	724.3	86.8	112.8 (151.2)
Average*	1,284.5	100.6	225.0 (301.6)
Maximum	2,184.3	105.6	366.5 (491.3)
Total Annual kWh	1,965,418 kWh	Energy Cost @ \$0.100/kWh	\$196,542
Peak kW	315.1 @ 8/31/04 9:40:15 PM	Demand Cost @ \$0/kWh	\$0
TOTAL ANNUAL COST = \$196,542			

* Includes measurements and data only when the system was pressurized and compressor running

SYSTEM AUDITS

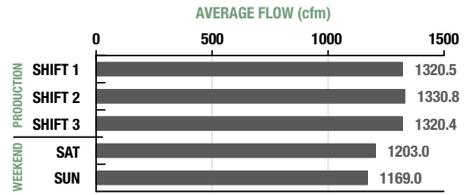
Walk-through, Assessment & Audit

Achieve maximum efficiency and savings with a compressed air system assessment by a Sullair certified auditor.

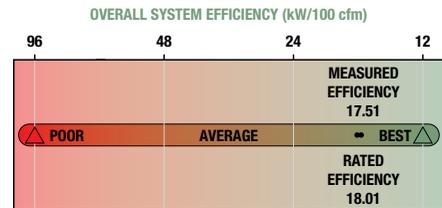
Approximately 75% of the life cycle cost of an industrial air compressor is electricity. Over a 10-Year period, a typical 100 hp compressor used in a three-shift operation will utilize more than \$500,000 of electricity – far exceeding its initial purchase price or maintenance costs over that timeframe. And some of that expense pays for unneeded air.

A Sullair system assessment reviews the entire compressed air system to identify ways to maximize efficiency and reduce waste, energy, maintenance and equipment costs.

AirSuite Demo Compressed Air Audit — 8/31/2004 to 9/6/2004



Production = Mon. – Fri. • Shift 1 = 7am–3pm • Shift 2 = 3pm–11pm • Shift 3 = 11pm–7am.
Weekend = 11pm–11pm Sat. & Sun.



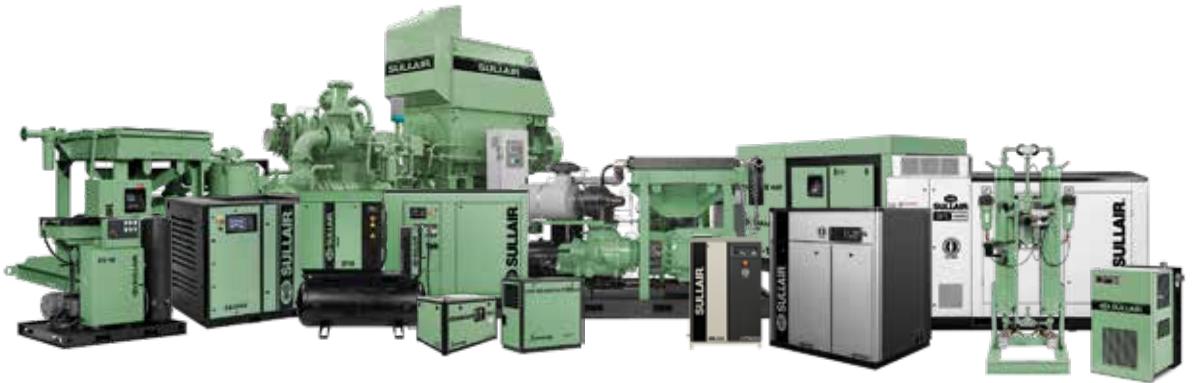
An audit can typically identify solutions which, when implemented, can reduce:

- Electrical costs by 25–50%
- Maintenance costs by 10–60%

Sullair AirSuite™ accurately finds the true system costs and quickly identifies opportunities for savings. It provides the customer with options and a customized action plan to improve their compressed air system's reliability and efficiency.

Contact Sullair today for an AirSuite System Assessment and start improving your bottom line immediately.

THE COMPLETE SULLAIR STATIONARY LINEUP



PRODUCT LINE	POWER RANGE (kW)	NORTH AMERICA	LATIN AMERICA	60Hz	50Hz	CE
LS Series	90–160					
ShopTek®	4–15					
ShopTek	18–75					
ShopTek	75–112					
ES-6 S-energy®	4–7					
S-energy Encapsulated	11–18					
S-energy	18–30					
S-energy	30–75					
Single-Stage	186–261					
Two-Stage	75–450					
SRL Series	1.5–33					
DSP Series	22–240					
DS-13 Series	75–149					
OFS Series	75–261					
Sullair Centrifugal	125–1715					
Two-Stage Extreme Pressure	149–373					
Vacuum Systems	4–145					



SULLAIR[®]

A Hitachi Group Company

SULLAIR.COM



*© 2018 Sullair, LLC. All rights reserved. Specifications subject to change without notice.
Products and services noted are trademarks and registered trademarks of Sullair, LLC.*

SAPPG201809-4