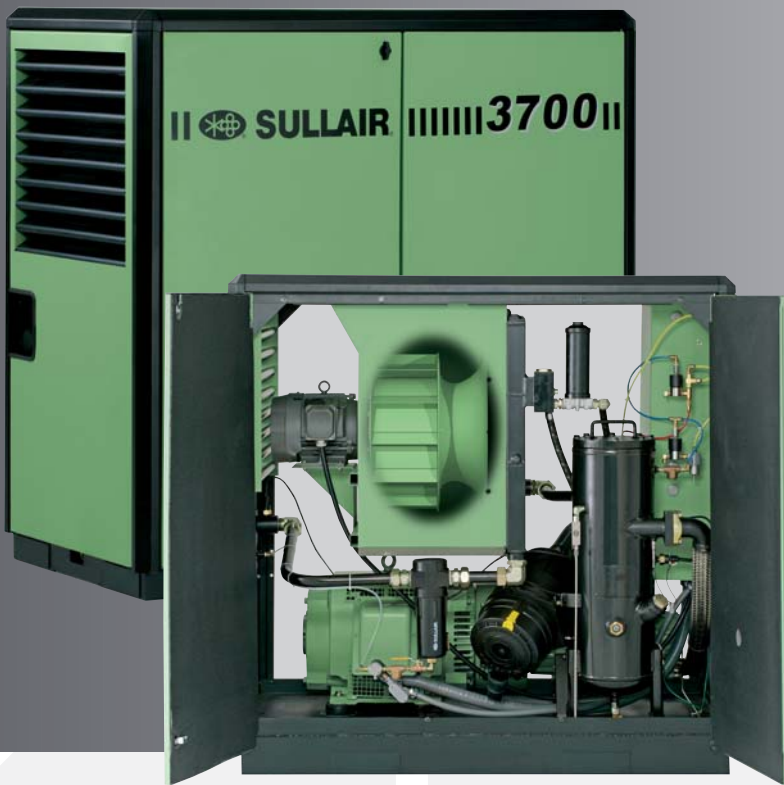




Rotary Screw Air Compressors

1800 | 2200 | 3000x | 3000 | 3700 | 4500

Reliable • Quiet • Energy Efficient • Small Footprint • Easy to Maintain



18-45 kW/25-60 horsepower
Rotary Screw Air Compressors

The Next Revolution in Compressor Design

Since its inception in 1965, Sullair has been an industry leader in rotary screw technology. Our award-winning Rotary Screw design has set the industry standard – and delivers the quality and reliability you depend on from Sullair.

For over forty years, we have offered reliable compressed air solutions to fit every need. So you can count on Sullair to deliver the next revolution in compressor design: the Sullair 1800, 2200, 3000x, 3000, 3700, and 4500.

These additions to our quality compressor family are truly revolutionary: Sullair reliability in the most energy efficient, maintenance-friendly, quiet, and compact compressor package available on the market.

This series of reliable Sullair compressors sets the standard in virtually every category:

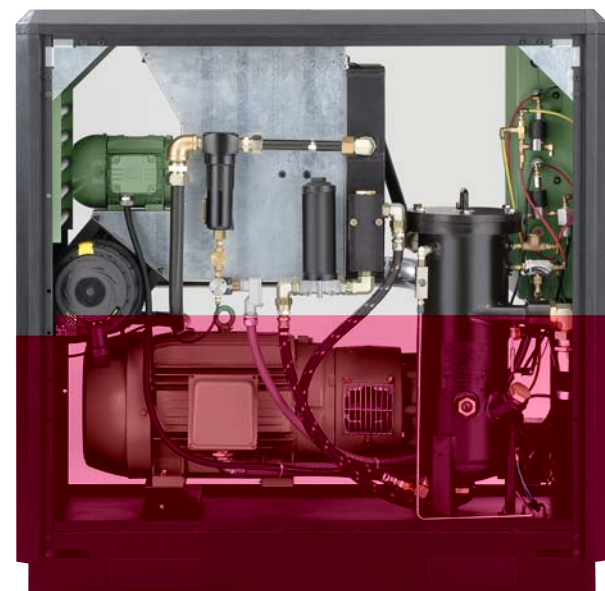
- reliability
- low sound levels
- energy efficiency
- compact size
- serviceability
- air quality

Reliable

Integrated Package Design Significantly Increases Uptime

- Air End
 - Industry standard for nearly half a century
 - Features tapered bearing arrangement: high load capacity, time proven design
 - Precision ground rotors provide consistent performance
 - Features controlled pressure lubrication and bearing fluid reservoir
 - Integrated inlet valve provides better CFM performance
- Motor
 - Features low speed, energy saving 1800 RPM motors
 - Covered by Sullair's Emerald Five-Year Compressor Health Assurance Warranty

- Controls
 - Sullair's Versatile Control System offers system flexibility
 - Start/Stop
 - Load/No Load
 - Modulation
 - Automatic
- Cooling Air Flow
 - Driven by centrifugal cooling fan
 - Keeps compressor package cool
 - Protects key components
 - Better distributes air through to the cooler
- Optimalair Air Filter
 - Provides finest inlet filtration in the industry (.4 microns using Fine Fiber Technology)
 - Keeps fluid clean and extends life of other internal components
 - Reduces pressure drop throughout the operating life, resulting in energy savings
 - Extends package life as a result of total package engineering—from inlet to discharge



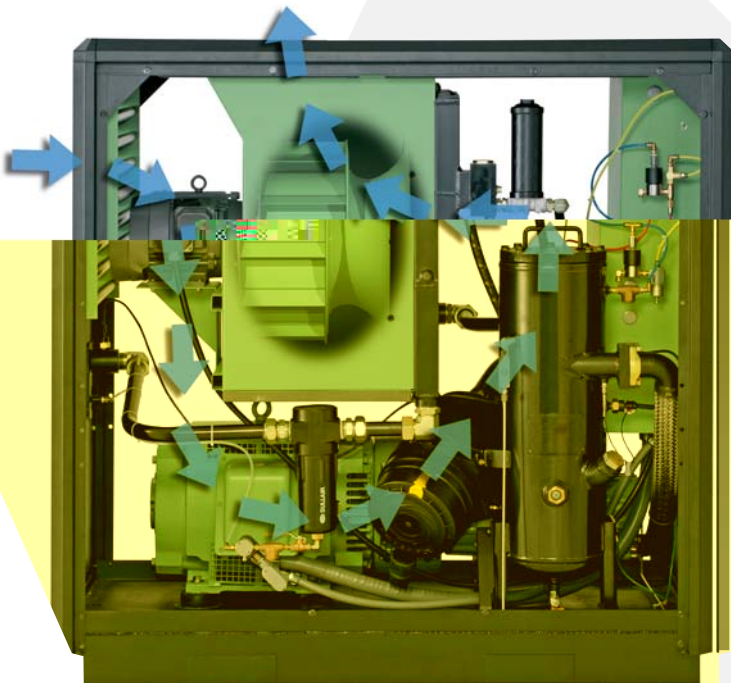
Model shown: 2200

Quiet

This Sullair compressor series incorporates many design features that reduce the noise of the machine:

- Air-end, motor, and receiver tank mounted on rubber isolators
- Insulated intake and exhaust louvers
- Low noise centrifugal fan

In fact, it's so quiet (67 dba for 1800, and 68 dba for 3700) that these compressors can even be used at the point-of-use.



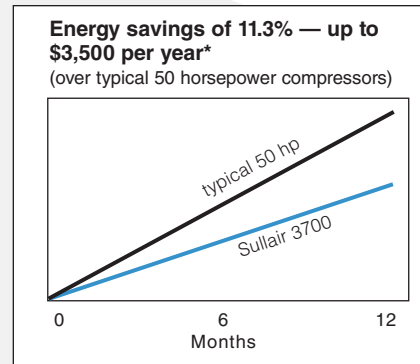
Model shown: 3700

Energy Efficient

This compressor series is more energy efficient than similar compressors, thanks to:

- Sullair's proven air-end with integrated inlet valve
- Optimized fluid system that reduces fluid temperatures
- Efficient 1800 RPM motors
- Low pressure drop air-fluid separation system
- High efficiency centrifugal fan

Considering that energy costs represent 77% of the total cost of owning compressors, these savings significantly reduce total lifecycle costs.



The Smallest Footprint in its Class

These Sullair compressors meet the smaller footprint needs for point-of-use compressors.

- Measures only 62" x 34.5" x 61.5" – more compact than any similar compressor**
- Fits through a standard 36-inch door, simplifying installation
- Clearance and floor space typically required are reduced by serviceability from one side of the machine



* Based on 24 hours per day/7 days per week of continuous operation, using full load specific power at \$0.08 per kW/hr

** Sullair 1800 and 2200 measure 53.2" x 31.5" x 53.2"

Easy to Maintain

Multiple features of this Series revolutionize the compressor's serviceability and provide for a cleaner, safer work environment and cost-effective compressor.



Unimpeded Access to Inside the Compressor

Open the canopy doors, or completely remove them, for unimpeded access to the inside of the compressor. Standard maintenance can all be performed from this side.



Simplified Filter Change

Changing the air and fluid filters is simpler than ever. The fluid filter is in an inverted position to minimize lubricant loss during filter changes.



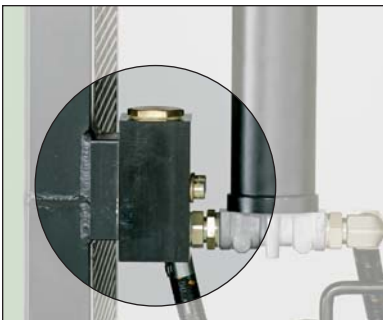
Electric Solenoid Drain

This Series features an electric solenoid drain with an easy-to-clean strainer that improves reliability. Energy-saving zero loss drains are also available.



Quick Access to Cooler

With the removal of just a few bolts, the cooler slides out on rails for easy routine cleaning.



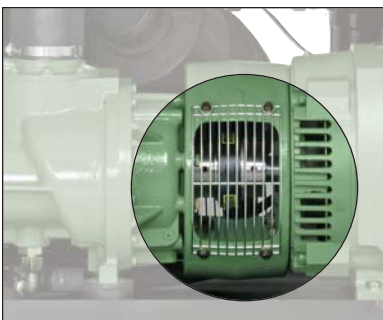
Quick Thermostat Change

To change the thermostat, simply thread the old thermostat out, and the new one in.



Improved Separator Element

To service the separator, simply unbolt the lid and lift it off using the handle. There's no tubing to disconnect, which prevents leaking and saves service time.



Drive Coupling Element

The drive coupling element service is made simple with a large access opening and a wrap-flex element that can be changed without disturbing the hubs.



Environmental Protection Pan

This Series features a fully sealed environmental protection pan to capture spills that may occur during servicing.

Plus . . .

- Check the fluid level directly from the front panel without opening the machine*

Simplified Microprocessor Delivers Critical Information

With the simplified WS microprocessor, there are no complicated menus to manage.

- Two large start/stop buttons are used in conjunction with three smaller ones to navigate the system and adjust settings
- The graphic display is clear and concise, making it easy to read and simple to understand
- Get required, critical operations information easily, including:
 - status
 - temperature
 - pressure
 - load/unload set points



You can also use a Windows PC to remotely monitor, upgrade the software, and set up changes. The microprocessor has WSPC interface capability and also features:

- Service maintenance reminders
- Remote monitoring capability
- Built-in sequencing of up to 16 machines with the full load solenoid valve
- Real-time clock
- Upgradability
- Warnings
- Protection alarm

Lower Overall Costs for the Life of Your Machine

The highly efficient Optimalair Inlet Filter provides filtration that is 10 times better than the standard cellulose media air filters commonly used in the industry, which translates into:

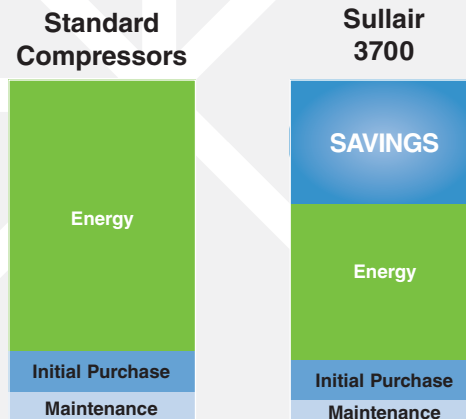
- Longer air filter life
- Extended separator life
- Improved fluid filter life
- Less lubricant contamination
- Improved compressor performance—not compromised by a clogged inlet filter

Low fluid capacity coupled with our 1-2 ppm carryover reduce the overall fluid and disposal costs:

- Standard Sullube™ lubricant is biodegradable
- Optional 24KT™ lubricant requires no lubricant changes
- Sullair's SRF and food grade lubricants are also available

Total Life Cycle Costs

Energy savings are maximized when the compressor doesn't have to overcome high pressure drop conditions. This Series provides significant savings over standard compressors:



Clean, Ergonomic Enclosure is Standard

The enclosure was designed with an eye toward form, fit, and finish.

- The enclosure is an integral part of every machine
- Expertly designed package allows for easy service and further reduces noise
- Skeleton structure supports the cooler pack, starter, and outer panels
- Beveled edges and corners provide the clean look of an ergonomically designed package

Best-in-class!



Features & Options

Standard Features

- Integrated inlet valve for better CFM performance
- Low life cycle costs including long-life bearings, rotors, and consumable parts
- 1-2 ppm fluid carryover
- Excellent motor cooling design characteristics for longer motor life
- Sequencing standard
- NEMA 4 standard
- WS microprocessor standard
- Smallest footprint in its class
- Quietest in its class: as low as 67 dba
- Easy-maintenance coupling handles torque at start-up

- Numerous unique serviceability enhancements
- Environmental Health & Safety design
- Sullube™ – 8000 hour non-varnishing biodegradable compressor fluid
- Optimalair Inlet Filter: 10 times the filtration versus other filters

Options

- Air-cooled or water-cooled
- 24KT™ (10-Year air-end warranty)
- Cold weather package
- Weather hood
- Total package filtration
- Other motor and starter options are available

All That, Plus Better for the Environment Too

- Low-noise fan helps reduce the machine's noise level to as low as 67 dba, important when on the plant floor
- Fully-sealed environmental protection pan contains fluid should any drips occur while servicing
- Coreless filter with non-metallic design can either be incinerated or crushed, virtually eliminating disposal issues
- Environmentally compatible Sullube™ is a biodegradable lubricant
- 24KT™ lubricant requires no lubricant changes
- Low fluid capacity reduces overall fluid costs and disposal issues



The Most Comprehensive Warranties in the Industry

Our confidence in the high quality workmanship, materials, and components of Sullair products allows us to offer the most unique warranty coverage: A comprehensive five-year protection package. Sullair is the only manufacturer to offer this unprecedented warranty. Simply complete and return your startup card to activate your warranty. No kits or spare parts agreements required.

Emerald Five-Year Compressor Health Assurance



The Emerald Five-Year warranty is available on nearly all Sullair industrial compressors when one of Sullair's recommended compressor fluids is used. This unmatched warranty covers all major components: the air-end, motor, air/fluid receiver, fluid cooler, and aftercooler.

Ultra Emerald Five-Year Compressor Warranty



With the Ultra Emerald Warranty, you get all the benefits of Sullair's Emerald Five-Year Compressor Health Assurance, with the added benefit of our Variable Speed Drive (VSD). Sullair compressors with VSD keep working at maximum efficiency for longer life and lower energy costs.

24KT™ Ten-Year Warranty



When you use the 24KT™ compressor fluid, the Sullair 24KT™ System carries an unprecedented ten-year warranty on the Sullair air-end. You receive the benefits of our five-year coverage on all other major components.

Oil Free Guarantee



Sullair matches the best combination of compressor, dryer, and filters to remove atmospheric particulate, aerosols, and other pollutants to provide two levels of air quality—from general purpose to the most critical applications.

Specifications: 60 Hz Horsepower Rated

1800 - 25 Horsepower Motor	1807	1809	1810	1812
Compressor Performance*				
Full Load Pressure (psig)	100	125	150	175
Capacity at Full Load Pressure (acfm)	119	106	96	85

2200 - 30 Horsepower Motor	2207	2209	2210	2212
Compressor Performance*				
Full Load Pressure (psig)	100	125	150	175
Capacity at Full Load Pressure (acfm)	140	127	111	104

3000x - 40 Horsepower Motor	3007x	3009x	3010x	3012x
Compressor Performance*				
Full Load Pressure (psig)	100	125	150	175
Capacity at Full Load Pressure (acfm)	184	167	148	130

3000 - 40 Horsepower Motor	3007	3009	3010
Compressor Performance*			
Full Load Pressure (psig)	100	125	150
Capacity at Full Load Pressure (acfm)	199	182	165

3700 - 50 Horsepower Motor	3707	3709	3710	3712
Compressor Performance*				
Full Load Pressure (psig)	100	125	150	175
Capacity at Full Load Pressure (acfm)	250	222	196	179

4500 - 60 Horsepower Motor	4509	4510	4512
Compressor Performance*			
Full Load Pressure (psig)	125	150	175
Capacity at Full Load Pressure (acfm)	267	247	220

Model	1800	2200	3000x	3000	3700	4500
dBA Ratings at 1 Meter (Typical)						
Air-cooled w/enclosure	67	67	68	68	68	69
Dimensions & Weights w/Enclosure – Uncrated (Crated)						
Length - inches	53.2 (60)	53.2 (60)	62 (68)	62 (68)	62 (68)	62 (68)
Width - inches	31.5 (40.5)	31.5 (40.5)	34.5 (49.5)	34.5 (49.5)	34.5 (49.5)	34.5 (49.5)
Height - inches	53.2 (62)	53.2 (62)	61.5 (76)	61.5 (76)	61.5 (76)	61.5 (76)
Weight - lbs.	1420 (1650)	1450 (1680)	1818 (2148)	1990 (2320)	2040 (2370)	2190 (2520)
Discharge Connection**	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Moisture Drain Connection**	1/4	1/4	1/4	1/4	1/4	1/4

All models available in: 200V, 230V, 460V and 575V

*Capacity per CAGI / PNEUROPN2CPTC2 (Annex C to ISO 1217.)

**in. NPT

NOTE: Data subject to change without notice.

Specifications: 50 Hz Horsepower Rated

1800 - 25 Horsepower Motor	1807	1809	1810	1812
Compressor Performance*				
Full Load Pressure - bar (psig)	6.9 (100)	8.6 (125)	10.3 (150)	12.1 (175)
Capacity at Full Load Pressure (acfm)	109	101	90	84

2200 - 30 Horsepower Motor	2207	2209	2210	2212
Compressor Performance*				
Full Load Pressure - bar (psig)	6.9 (100)	8.6 (125)	10.3 (150)	12.1 (175)
Capacity at Full Load Pressure (acfm)	133	121	107	102

3000x - 40 Horsepower Motor	3007x	3009x	3010x	3012x
Compressor Performance*				
Full Load Pressure - bar (psig)	6.9 (100)	8.6 (125)	10.3 (150)	12.1 (175)
Capacity at Full Load Pressure (acfm)	176	152	143	132

3000 - 40 Horsepower Motor	3007	3009	3010
Compressor Performance*			
Full Load Pressure - bar (psig)	6.9 (100)	8.6 (125)	10.3 (150)
Capacity at Full Load Pressure (acfm)	186	164	161

3700 - 50 Horsepower Motor	3707	3709	3710	3712
Compressor Performance*				
Full Load Pressure - bar (psig)	6.9 (100)	8.6 (125)	10.3 (150)	12.1 (175)
Capacity at Full Load Pressure (acfm)	240	222	204	180

4500 - 60 Horsepower Motor	4509	4510	4512
Compressor Performance*			
Full Load Pressure - bar (psig)	8.6 (125)	10.3 (150)	12.1 (175)
Capacity at Full Load Pressure (acfm)	266	238	219

Model	1800	2200	3000x	3000	3700	4500
dBA Ratings at 1 Meter (Typical)						
Air-cooled w/enclosure	67	67	68	68	68	69
Dimensions & Weights w/Enclosure – Uncrated (Crated)						
Length - centimeters	135 (152)	135 (152)	157 (172)	157 (172)	157 (172)	157 (172)
Width - centimeters	80 (103)	80 (103)	88 (126)	88 (126)	88 (126)	88 (126)
Height - centimeters	53.2 (62)	135 (158)	156 (193)	156 (193)	156 (193)	156 (193)
Weight - kgs	644 (748)	658 (762)	859 (1009)	902 (1052)	925 (1075)	993 (1142)
Discharge Connection**	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Moisture Drain Connection**	1/4	1/4	1/4	1/4	1/4	1/4

1800 & 2200 models available in: 400V

3000x model available in: 220V, 400V

3000, 3700, 4500 models available in: 220V, 380V, 400V and 415V

*Capacity per CAGI / PNEUROP PN2CPTC2 (Annex C to ISO 1217.)

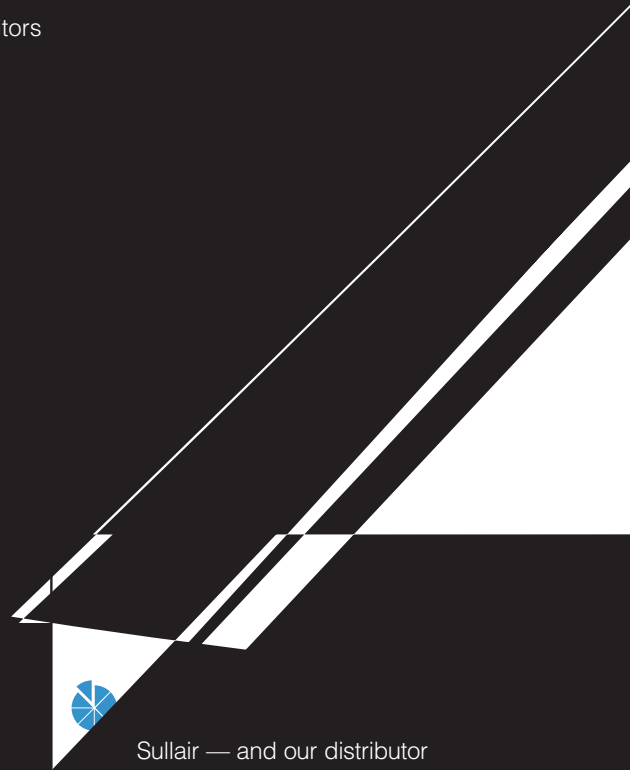
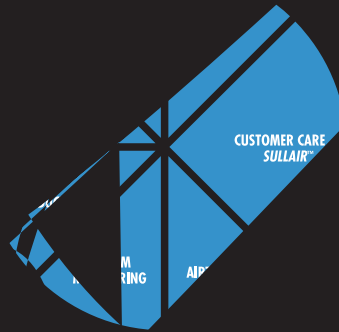
**in. NPT

NOTE: Data subject to change without notice.

Sullair air audits review your entire

remotely monitors

Our Customer Care program gives



Sullair — and our distributor

