

LS-16



60 to 100 hp.
Sullair LS-16 Series Air Compressors
Peak performance. Rock-solid dependability.

Superior package design

SAE O-ring fittings are standard. Number of fittings is reduced. Designed for continuous duty. Aftercooler, moisture separator and trap. Air-cooled or-water-cooled models available.

Instrumentation

Differential pressure gauges for fluid filter, separator and air filter provide accurate monitoring of pressure drop. Air receiver and line pressure gauges provide direct reading of sump and discharge pressures. Panel also includes compressor discharge air/fluid temperature gauge and hour meter. Supervisor II Deluxe microprocessor optional.

Cooling

Air-cooled units have updraft coolers for ease of installation and heat recovery capabilities. Water-cooled units use shell and tube heat exchanger.



Multi-stage air/fluid separation

Dual nested Optimizer™ separator elements, reduce fluid carry-over to less than 1 ppm.

Reduced carryover lowers make-up fluid costs.

Pleated Optimizer elements lower initial pressure drop for greater efficiency and extend life of the elements.

Spin-on fiberglass fluid filter

Aircraft-quality media provides better filtration.

Up to 20% more efficient than conventional paper elements.

Lengthens life of the compressor.

Heavy-duty air filter

Includes remote air intake connection.

Protects premature failure of key components.

Extends separator, fluid filter and fluid life.

The reliable Sullair air end

Longer average bearing life, designed for up to 100,000 hours of service.



COMPRESSOR HEALTH ASSURANCE

Flange-mounted motor and air end

Up to 3% energy savings over belt drive.

Eliminates maintenance expense associated with V-belts.

NEMA frame design.

Provides positive alignment.

Optimizes bearing life of air end and motor.

Blowdown is piped to the inlet

Keeps fluid mist off package.

Select one of these long-life fluids...

Sullube™ is standard factory fill.

5-year air end warranty. "L" and "H" models only.

Biodegradable.

One year or 8000 hour service life.

Reduces fluid disposal costs.

24KT™ is optional.

Exclusive 10-year air end warranty. "L" and "H" models only.

Eliminates annual fluid changes.

Eliminates annual fluid disposal costs.

Free fluid sampling and analysis program with either fluid.

Sullair's Versatile Control System



Matches output to demand.

Stabilizes system pressure.

Minimizes need for an air receiver.

Extends package life.

Premium efficient motor

Improved energy conservation.

5-year warranty.

Direct coupled design for extended bearing life.

250,000-hour insulation life.

Bearing Fluid

Reservoirs

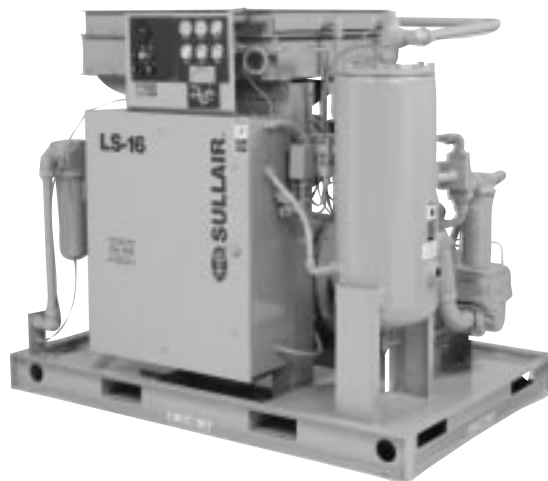
Ensure fluid is available at startup.

Extends air end life.



Helical design drive gears

Reduce thrust load, increase bearing life.



Sullair LS-16 Series Air Compressors.

Features, Options and Specifications



5-YEAR WARRANTY

Series LS-16—60 Hz	60L	60H	60HH	75L	75H	75HH	75XH	100L	100H
Compressor Performance									
Capacity (acfm)	300	258	231	370	326	289	268	450	430
Full Load Pressure (psig)	100	125	150	100	125	150	175	100	115
Motor (hp)	60	60	60	75	75	75	75	100	100
Dimensions and Weight (Enclosure) Air-Cooled*									
Length (in)	72 (72)			72 (72)			72 (78)		
Width (in)	48 (48)			48 (48)			48 (48)		
Height (in)	60 (62.5)			60 (62.5)			59.39 (62.25)		
Weight (lb)	2590 (3090)			2680 (3180)			2740 (3410)		

Measured in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).

* Add 6" to width, 7" to length, 11" to height and 240 lbs for crate.

	LS-16
● = Standard	
○ = Option	
Supervisor II Deluxe	○
Electro-Mechanical Controls	●
Direct Coupled	●
Highly Efficient Air/Fluid Separation—MSS	●
Spin-On Fiberglass Fluid Filter	●
Built-In Aftercooler	●
Heavy Duty Intake Filter	●
Sullube 8000 Hour Compressor Fluid	●
SRF 1/4000 Compressor Fluid	○
Bearing Fluid Reservoir—BFR	●
Wye Delta Starter	○
Food Grade Compressor Fluid	○

	LS-16
Solid State Starter	○
Full Voltage Starter	●
TEFC Premium Efficiency Motor	○
Emerald 5-Year Health Assurance (1) "L" and "H" models only.	●
24KT (10-Year Air End Warranty) (2) "L" and "H" models only.	○
Sound Attenuating Enclosure	○
Sullair's Versatile Control System—VCS	●
Cold Weather Package	○
Water-cooled	○
EES Energy Efficiency System (EES)	○

(1) Sullair's 5-year warranty includes air end, motor, air/fluid receiver and cooler(s). "L" and "H" Models only.

(2) Sullair's 24KT warranty includes 10-years on the air end, 5-years on the motor, air/fluid receiver and cooler(s). "L" and "H" Models only.

Series LS-16—50 Hz	60H	60HH	60XH	75H	75HH	75XH	100L	100H
Compressor Performance								
Capacity (m ³ /min)	7.31	6.49	5.52	8.84	7.45	7	13.02	12.17
Full Load Pressure (bar)	7.9	9.7	12.1	7.9	9.7	12.1	6.9	7.9
Motor (kW)	45	45	45	55	55	55	75	75
Dimensions and Weight (Enclosure) Air-Cooled*								
Length (mm)	1829 (1829)			1829 (1829)			1829 (1981)	
Width (mm)	1219 (1219)			1219 (1219)			1219 (1219)	
Height (mm)	1588 (1588)			1588 (1588)			1588 (1588)	
Weight (kg)	1220 (1442)			1207 (1442)			1243 (1547)	

Measured in accordance with the CAGI/PNEUROP PN2CPTC2 Test Code (Annex C to ISO 1217).

* Add 155 mm to width, 178 mm to length, 215 mm to height and 109 kg for crate.



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.sullairsolutions.com

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