

LS-10



25 to 40 hp.
Sullair LS-10 Series Air Compressors.
They're bulletproof.

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 and separator 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 require no separate fan motor. Water-cooled units use a shell and tube heat exchangers for easy maintenance and water regulating valve.



Multi-stage air/fluid separation

Multi-stage separation and a long life pleated separator element, reduce oil carryover to less than 2 ppm. Reduced carry-over lowers make-up fluid costs. Pleated Optimizer™ element lowers initial pressure drop for greater efficiency and longer element life.

Heavy-duty air filter

Includes remote air intake connection. Protects premature failure of key components. Extends separator, fluid filter and fluid life. Differential pressure indicator.

The reliable Sullair air end

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



**COMPRESSOR
HEALTH
ASSURANCE**

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.

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 **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.

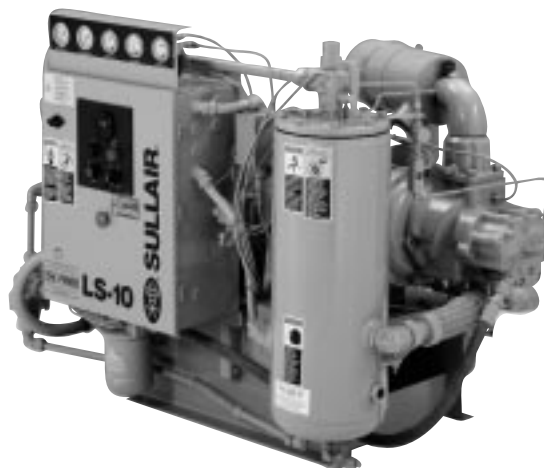
Bearing
Fluid
Reservoirs



Ensure fluid is available at startup. Extends air end life.

Helical design drive gears

Reduce thrust load, increase bearing life.



Sullair LS-10 Series Air Compressors.

Features, Options and Specifications



5-YEAR WARRANTY

LS-10—60 Hz	25L	25H	25HH	25XH	30L	30H	30HH	30XH	40L	40H	40HH	40XH
Compressor Performance												
Capacity (acfm)	111	96	87	76	131	116	102	94	166	156	126	119
Full Load Pressure (psig)	100	125	150	175	100	125	150	175	100	125	150	175
Motor (hp)	25	25	25	25	30	30	30	30	40	40	40	40
Dimensions and Weight (Enclosure) Air-Cooled*												
Length (in)	57 (60)				57 (60)				57 (60)			
Width (in)	33.3 (36)				33.3 (36)				33.3 (36)			
Height (in)	39 (42)				39 (42)				39 (42)			
Weight (lb)	1015 (1265)				1015 (1265)				1140 (1390)			

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

* Note: For open machine, add 10" to the length, 10" to the width, 7" to the height, and 180 lbs. to weight for crate.
For enclosed machine, add 7" to the length, 7" to the width, 4" to the height, and 180 lbs. to weight for crate.

	LS-10
● = Standard	
○ = Option	
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	○
Emerald 5-Year Health Assurance (1)	●
24KT (10-Year Air End Warranty) (2)	○
Food Grade Compressor Fluid	○

	LS-10
Sound Attenuating Enclosure	○
Tank Mounting	○
Bearing Fluid Reservoir—BFR	●
Sullair's Versatile Control System—VCS	●
Cold Weather Package	○
Water-cooled	○
Supervisor II Deluxe	○
Electro-Mechanical Controls	●

(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.

LS-10—50 Hz	25L	25H	25HH	25XH	30L	30H	30HH	30XH	40L	40H	40HH	40XH
Compressor Performance												
Capacity (m ³ /min)	3.95	2.69	2.37	2.12	3.82	3.37	2.97	2.58	4.95	4.45	3.74	3.34
Full Load Pressure (bar)	6.9	8.6	10.3	12.1	6.9	8.6	10.3	12.1	6.9	8.6	10.3	12.1
Motor (kW)	18.5	18.5	18.5	18.5	22	22	22	22	33	33	33	33
Dimensions and Weight (Enclosure) Air-Cooled*												
Length (mm)	1448 (1524)				1448 (1524)				1448 (1524)			
Width (mm)	846 (914)				846 (914)				846 (914)			
Height (mm)	991 (1067)				991 (1067)				991 (1067)			
Weight (kg)	460 (574)				460 (574)				517 (630)			

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

* Note: For open machine, add 254 mm to the length, 254 mm to the width, 177 mm to the height, and 82 kg. to weight for crate.

For enclosed machine, add 178 mm to the length, 178 mm to the width, 101 mm to the height, and 82 kg. to weight 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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