

Reliability & Efficiency without Compromise

Rotary Screw Compressors



**LB Series
L07B - 75B**

Reliability, Efficiency and Productivity

“No matter what industry or critical application, you can count on CompAir to offer solutions that mitigate risk and ensure delivery of the pure air.”

Applications we serve...

- Aerospace
- Automobile Industry
- Chemical Industry
- Plastics & Rubber
- Consumer
- Electronics & Semiconductor
- Environment
- Food & Beverages
- General Manufacturing
- Golf & Resort
- Government & Military
- Marine
- Mining & Construction
- Oil & Gas
- PET Bottle Blowing
- Pharmaceuticals, Life Sciences & Laboratories
- Power Generation
- Professional
- Pulp, Paper & Printing
- Textile Industries
- Transportation & Logistics and more...



“ For affordable and reliable air supply... ”



CompAir, True Value for Money!

CompAir comes with a commitment to stand behind the customers in all aspects of what it does. We bring peace of mind that allows our customers to focus on their primary objective: moving their businesses forward. Thus, it continues to advance in compressed air technology and Services to maximize reliability, efficiency and productivity for our customers.

Price is what you pay. Value is what you get.

– Warren Buffett
(American business magnate, investor and philanthropist)

For Easy and Reliable Air Supply

CompAir rotary screw air compressors are designed to provide ease of operation, low maintenance and reliable air supply. When you choose CompAir, you have selected the compressor rated highly for its performance and reliability.

Features

Value for Money

Designed with advanced technology to produce more volume of air, makes it a cost effective solution.

Advanced Cooling

Optimally designed blower reduces power cost by eliminating the need for extra fan motor and provides efficient cooling in 46°C ambient environment.

One Stop Solution

Complete solution for compressor and accessories including air receivers, air dryers and air filters.

Delcos Pro Compressor Controller

The control system ensures reliable operation and protects the investment by continuously monitoring operational parameters. The Delcos Pro also has the capability to have programmable inputs and outputs, control additional equipment as well as providing the following features in clear readable text:

- Discharge / line pressure display
- Air / oil temperature display
- Total hours run and under load
- Service due indicator
- Enhanced fault log monitor
- Real time clock
- Timer controlled stop/start
- Remote start / stop
- Auto restart after power failure
- Second pressure setting
- Status indication
- RS485 - Modbus RTU



L07B - L11B Series

Dual-Control Operation

Reliable and effective load/no-load control with automatic stop and restart facility for maximum flexibility.

Ease of Serviceability

All key maintenance components have been grouped to provide ease of serviceability.

Rotary Technology

Installed with progressive rotary technology which delivers more CFM / kW and provides higher efficiency than reciprocating compressors.

Power Saving Control

Automatic stop and restart facility for maximum flexibility in operating machine.

Quiet Operation

Integrated construction with less number of fasteners benefits you to reduce noise in workshop.

Efficient Inlet Filter

Efficient inlet air filter to ensure compressed air does not carry more than 3 micron particles. This helps to increase dust holding capacity as well as filter life.

Quick Service Support

We offer a wide network of certified and well trained technicians and engineers capable of supporting you with cost effective service solutions to keep your compressed air system at peak performance.



L15B - L22B Series

LB Series - Technical Data

L07B - L11B kW Rotary Screw Air Compressors

Compressor Model	Max. Pressure [barg]	Nominal Power [kW]	Capacity (FAD) ¹⁾		Base Mounted Version		Tank Mounted (TM) Version		Full System (FS) Version	
			[m³/min]	[CFM]	Dimensions LxBxH [mm]	Weight [kg]	Dimensions LxBxH [mm]	Weight [kg]	Dimensions LxBxH [mm]	Weight [kg]
L07B	7	7.5	1.10	39	826x759x782	261	1575x759x1321	383	1575x759x1321	435
	8	7.5	1.05	37	826x759x782	261	1575x759x1321	383	1575x759x1321	435
	10	7.5	0.93	33	826x759x782	261	1575x759x1321	383	1575x759x1321	435
L11B	7	11	1.64	58	826x759x782	275	1575x759x1321	397	1575x759x1321	450
	8	11	1.56	55	826x759x782	275	1575x759x1321	397	1575x759x1321	450
	10	11	1.39	49	826x759x782	275	1575x759x1321	397	1575x759x1321	450

L15B - L22B kW & L15B RS - L22B RS kW Rotary Screw Air Compressors

Compressor Model	Max. Pressure [barg]	Nominal Power [kW]	Capacity (FAD) ¹⁾		Base Mounted Version		Full System (FS) Version	
			[m³/min]	[CFM]	Dimensions LxBxH [mm]	Weight [kg]	Dimensions LxBxH [mm]	Weight [kg]
L15B	7.5	15	2.66	94	787 x 630 x 1165	335	2001 x 770 x 1783	606
	10	15	2.21	78	787 x 630 x 1165	335	2001 x 770 x 1783	693
	13	15	1.76	62	787 x 630 x 1165	335	2001 x 770 x 1783	693
L18B	7.5	18.5	3.20	113	787 x 630 x 1165	361	2001 x 784 x 1835	665
	10	18.5	2.70	95	787 x 630 x 1165	361	2001 x 784 x 1835	752
	13	18.5	2.30	81	787 x 630 x 1165	361	2001 x 784 x 1835	752
L22B	7.5	22	3.60	127	787 x 630 x 1165	367	2001 x 784 x 1835	671
	10	22	3.14	111	787 x 630 x 1165	367	2001 x 784 x 1835	758
	13	22	2.58	91	787 x 630 x 1165	367	2001 x 784 x 1835	758
L15B RS	7.5	15	0.94 - 2.63	33 - 93	787 x 658 x 1165	365	2001 x 770 x 1783	636
	10	15	0.88 - 2.18	31 - 77	787 x 658 x 1165	365	2001 x 770 x 1783	723
	13	15	0.85 - 1.70	30 - 60	787 x 658 x 1165	365	2001 x 770 x 1783	723
L18B RS	7.5	18.5	1.33 - 3.06	47 - 108	787 x 658 x 1165	381	2001 x 784 x 1835	685
	10	18.5	1.27 - 2.63	45 - 93	787 x 658 x 1165	381	2001 x 784 x 1835	772
	13	18.5	1.22 - 2.21	43 - 78	787 x 658 x 1165	381	2001 x 784 x 1835	772
L22B RS	7.5	22	1.05 - 3.54	37 - 125	787 x 658 x 1165	386	2001 x 784 x 1835	690
	10	22	0.94 - 3.14	33 - 111	787 x 658 x 1165	386	2001 x 784 x 1835	777
	13	22	0.91 - 2.66	32 - 94	787 x 658 x 1165	386	2001 x 784 x 1835	777

¹⁾ Data measured and stated in accordance with ISO 1217 Ed. 4, Annex C & Annex E and the following conditions:
Air Intake Pressure 1 bar a, Air Intake Temperature 20° C, Humidity 0 % (dry)

²⁾ The refrigerant dryer requires a separate electric supply.
For further specifications please refer to refrigerant dryer documentation.



Reliability. Performance. Value.



L30B - L37B Series

Additional Features

Time-Proven Reliable and Robust Airends

Used in compressors worldwide, CompAir single-stage airends have proven to be the market leader in both reliability and efficiency.

- Precision machined rotors
- Highest quality tapered roller bearings
- Integrated coolant flow to eliminate leak paths

Efficient 3 Stage Separation System

Our Patented Vertical 3-Stage conical baffle separator element minimizes coolant carryover to customer plant and reduces the amount of make up replaced. This design also reduces the impact that overfilling or under filling can have on coolant carryover.

High-efficient Gear Driven System

Highly efficient gear driven system that is efficient and stable functioning to increase service life. It's the only drive system that is maintenance free and totally isolated from the environment.

Compartment for Effective Cooling

Specifically designed extended compartment for effective cooling. It helps to keep overall compressor package temperature at minimum level.

Designed for Trouble Free Maintenance

CompAir is designed for Indian tropical conditions at 46°C. All major components are designed and assembled to provide ease of access and serviceability.





L45B - L75B Series

LB Series - Technical Data

L30B - L37B kW Rotary Screw Air Compressors

Compressor Model	Max. Pressure	Nominal Power	Capacity (FAD) ¹⁾		Base Mounted Version	Weight
	[barg]		[m³/min]	[CFM]	Dimensions LxBxH [mm]	
L30B	7.5	30	5.81	205	2100 x 1050 x 1215	885
	8.5	30	5.58	197	2100 x 1050 x 1215	885
	10	30	5.24	185	2100 x 1050 x 1215	885
L37B	7.5	37	6.91	244	2100 x 1050 x 1215	905
	8.5	37	6.46	228	2100 x 1050 x 1215	905
	10	37	6.17	218	2100 x 1050 x 1215	905

L45B - L75B kW Rotary Screw Air Compressors

Compressor Model	Max. Pressure	Nominal Power	Capacity (FAD) ¹⁾		Base Mounted Version	Weight
	[barg]		[m³/min]	[CFM]	Dimensions LxBxH [mm]	
L45B	7.5	45	8	283	1654 x 900 x 1505	1020
	8.5	45	7.01	248	1654 x 900 x 1505	1020
	10	45	6.95	245	1654 x 900 x 1505	1020
L55B	7.5	55	10.19	360	2655 x 1325 x 1435	1484
	8.5	55	9.43	333	2655 x 1325 x 1435	1484
	10	55	8.58	303	2655 x 1325 x 1435	1484
L75B	7.5	75	14.73	520	2655 x 1325 x 1435	1509
	8.5	75	13.45	475	2655 x 1325 x 1435	1509
	10	75	12.32	435	2655 x 1325 x 1435	1509

1) Data measured and stated in accordance with ISO 1217 Ed. 4, Annex C & Annex E and the following conditions:
Air Intake Pressure 1 bar a, Air Intake Temperature 20° C, Humidity 0 % (dry)

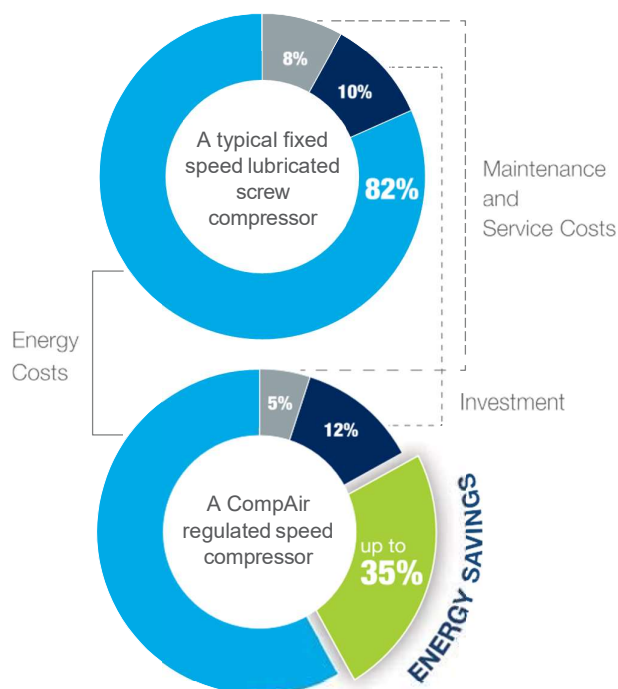
2) The refrigerant dryer requires a separate electric supply.
For further specifications please refer to refrigerant dryer documentation.

Regulated Speed Compressors

The Perfect Response to Individual Air Demands

Regulated speed compressors from CompAir can efficiently and reliably handle the varying air demand found in most plant air systems.

The annual cost of ownership can be significantly reduced using regulated speed technology.



* Information displayed are for representation purpose actual value may differ.

CompAir RS Features are Your Benefits

The LB-RS Series products are designed to obtain the greatest efficiency across the entire operating range.

- ▶ **Better Regulation Range**
No cycles means substantial energy savings
- ▶ **Perfect Motor - Drive - Airend Design**
High efficiency across broad flow range



L30B-RS - L75B-RS Series

LB-RS Series - Technical Data

L30B-RS - L75B-RS kW Rotary Screw Air Compressors

Compressor Model	Max. Pressure [barg]	Nominal Power [kW]	Capacity (FAD) ¹⁾ [CFM]	Base Mounted Version	
				Dimensions LxBxH [mm]	Weight [kg]
L30B-RS	7.5	30	97 - 194	2170 x 1050 x 1215	925
	8.5	30	94 - 188	2171 x 1050 x 1215	925
	10	30	87 - 174	2172 x 1050 x 1215	925
L37B-RS	7.5	37	117 - 233	2173 x 1050 x 1215	945
	8.5	37	108 - 215	2174 x 1050 x 1215	945
	10	37	104 - 208	2175 x 1050 x 1215	945
L55B-RS	7.5	55	180 - 360	2655 x 1325 x 1435	1604
	8.5	55	167 - 333	2656 x 1325 x 1435	1604
	10	55	152 - 303	2657 x 1325 x 1435	1604
L75B-RS	7.5	75	260 - 520	2658 x 1325 x 1435	1780
	8.5	75	238 - 475	2659 x 1325 x 1435	1780
	10	75	218 - 435	2660 x 1325 x 1435	1780

¹⁾ Data measured and stated in accordance with ISO 1217 Ed. 4, Annex C & Annex E and the following conditions:

Air Intake Pressure 1 bar a, Air Intake Temperature 20° C, Humidity 0 % (dry)

²⁾ The refrigerant dryer requires a separate electric supply.

For further specifications please refer to refrigerant dryer documentation.

Global Experience - Truly Local Service

With over 200 years of engineering excellence, the CompAir brand offers an extensive range of highly reliable, energy efficient compressors, dryers and accessories to suit all applications.

An extensive network of dedicated CompAir sales companies and distributors across all continents provide global expertise with a truly local service, ensuring our advanced technology is backed up with the right support.

CompAir has consistently been at the forefront of compressed air systems development, culminating in some of the most energy efficient and low environmental impact compressors on the market today, helping customers achieve or surpass their sustainability targets.



CompAir Compressed Air Product Range

Advanced Compressor Technology Lubricated

- Rotary Screw*
- Piston
- Portable

Oil-Free

- Two Stage Rotary Screw*
- Water Injected Screw*
- Piston
- High Speed Centrifugal - Quantima®
- Rotary Scroll

Complete Air Treatment Range

- Filter
- Refrigerant and Desiccant Dryer
- Condensate Management
- Heat of Compression Dryer
- Nitrogen Generator

Modern Control Systems

- CompAir Controllers
- SmartAir Master Sequencer
- iConn - Smart Flow Management

Value Added Services

- Professional Air Audit
- Performance Reporting
- Leak Detection

Leading Customer Support

- Custom Engineered Solutions
- Local Service Centers
- Genuine CompAir Parts and Lubricants

* These range of units are available in Fixed and Regulated Speed versions.

CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.