



L30 - L75

Oil Injected Rotary Screw Compressors



Engineered to Save

# Oil-Injected Rotary Screw Compressors

The new range of CompAir oil-injected rotary screw compressors incorporates the very latest technological advances and manufacturing processes to provide users a continuous supply of economic and reliable high quality compressed air.

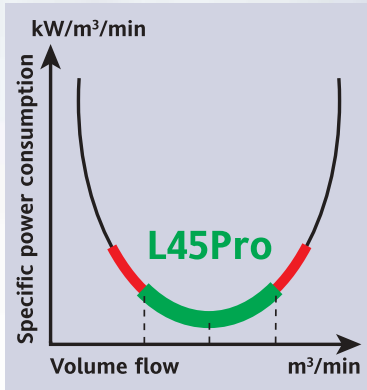
## L-Series Compressors

kW	Model	Efficiency
30	L30	★★★★★
37	L37	★★★★★
45	L45	★★★★★
	L45PRO	★★★★★+
55	L55	★★★★★
75	L75	★★★★★

## L45PRO - The Energy Saver



The extension of the 45kW class with L45PRO allows 8% energy savings.



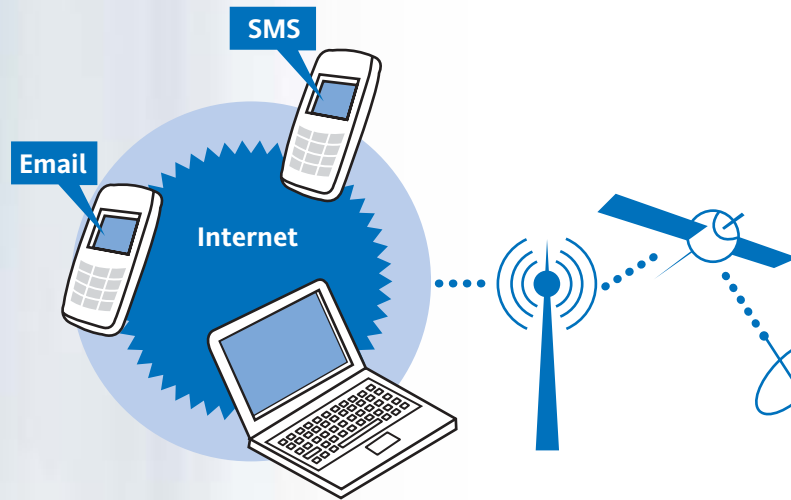
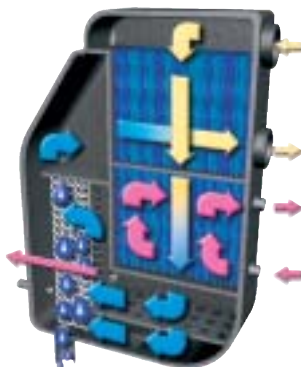
Utilizing the premium airend EK175 with optimized rotor tip speed, the compressor works more efficiently and furthermore lowers the noise level.

*Best performance for optimal volume flow – AirEnd Performance.*

## Integrated Refrigeration

## Dryer (option)

- All-in-one patented aluminum cross-flow heat exchanger
- Refrigerant R407C
- Low pressure drop
- Low power consumption
- Large condensate separator and zero loss drain
- Precise dew point thanks to hot gas by-pass valve with pressure actuation/no danger of freezing



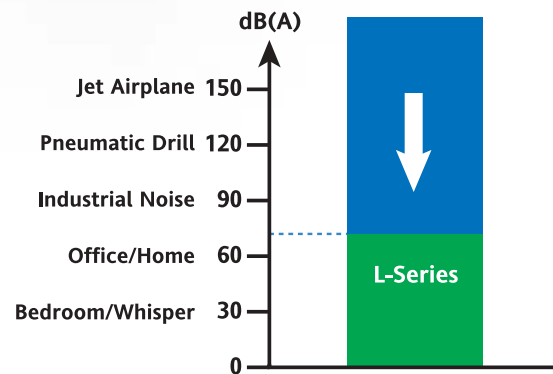
## Heavy-Duty Intake Filter

with 99.9% efficiency at 3 microns

## Enclosure Prefiltration

It ensures that the inside of the compressor is clean

## Low Noise Level



## Energy Saving Electric Motor

- The compressors are equipped with 2-pole TEFCP 55 energy saving CEMEP CLASS EFF1 high efficiency electric motors
- Reduction of CO<sub>2</sub> emission

# CompAir's Energy Saving Machines Compress Not Only Air But Also:

- Your Energy Costs
  - Your Maintenance Bills
  - The Noise Level
  - The Footprint
  - The Environmental Burden

## Built-In Intelligent Controls

Close operational control is essential to reduce running costs. All CompAir rotary screw compressors are supplied with intelligent, fully electronic controllers with efficient monitoring and a user-friendly menu. This system optimizes performance to demand and monitors operating parameters of the unit on site and remote.

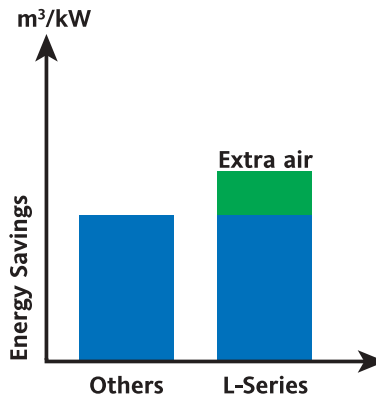


## Thermostatically-Motor-Driven Radial Fan

- High volume
- Low noise level
- Off-load energy savings

## Premium Efficiency Airend

The newly designed airend guarantees the highest levels of reliability and performance ensuring that operating costs will remain low throughout the compressor life.



## High Performance Separator Filter

is easy to change by hinged cover with low oil carry-over.

## Maintenance-Free Direct Coupling

of the drive motor to the compression element.

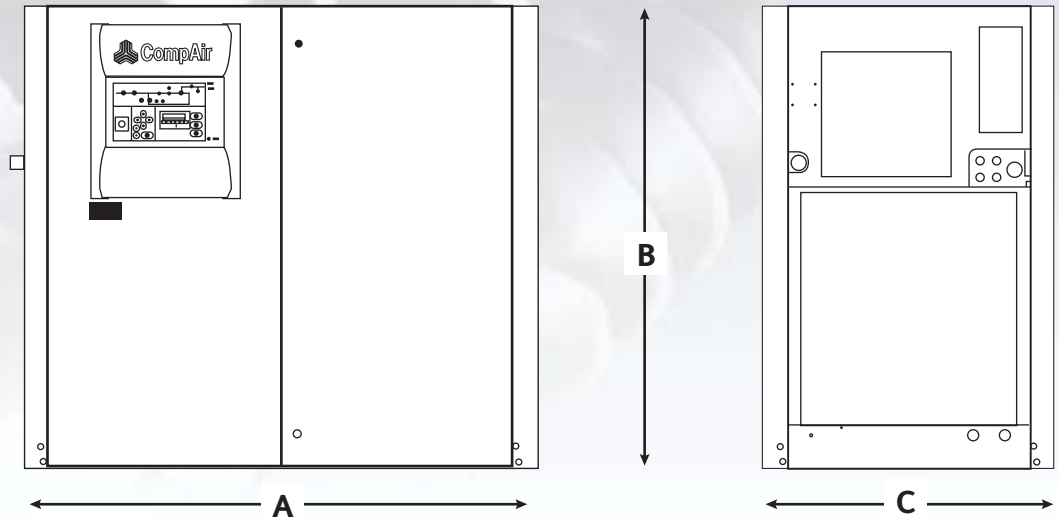
# Rotary Screw Compressor

## Technical Specifications

Model		L30			L37			L45			L45PRO		L55			L75		
Nominal Pressure		100	125	190	100	125	190	100	125	190	100	125	100	125	190	100	125	190
FAD*	cfm	203.7	187.5	154.3	241.7	226.3	186	278.7	260.8	214.5	304.7	279.7	381	351	290	475	445	372
Drive Motor	HP	40			50			60			60		75			100		
Noise Level**	dba	67			68			69			67		73			75		
Weight	lbs	2034			2130			2178			2326		3803			3892		
Dim A	length	67.8			67.8			67.8			67.8		85			85		
Dim B	height	65.5			65.5			65.5			65.5		48.1			48.1		
Dim C	width	36			36			36			36		75.6			75.6		
Discharge Pipe Size	NPT	1.5"			1.5"			1.5"			1.5'		2"			2"		

\* Data measured and stated in accordance with ISO 1217 Annex C and Pneurop/Cagi PN2CPTC2 and the following conditions:  
 Air intake Pressure 1 bar a  
 Air intake Temperature 20°C  
 Humidity 0% (Dry)

\*\* Measured in free field conditions in accordance with the Pneurop/Cagi PN8TNC.2 test code, +/-3dB



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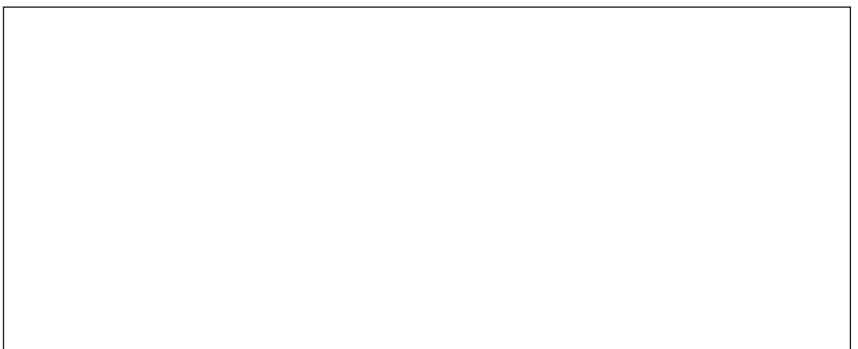
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