



ROTARY SCREW COMPRESSORS



L30 – L110
Frame 3, 4, 5

Engineered to Save

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

PREMIUM EFFICIENCY AIREND

The high output compression element with slow rotational speed reduces energy costs. In addition to this, the innovative design of the fail safe shaft seal, integrated oil filter and oil regulation valve, ensures external hoses are reduced to a minimum to guarantee the highest levels of quality and reliability are achieved.

ENERGY SAVING ELECTRIC MOTOR

The compressors are equipped with 2-pole TEFC IP55 energy saving CEMEP CLASS EFF1 high efficiency electric motor which reduces CO2 emissions.

OIL-INJECTED ROTARY SCREW COMPRESSORS

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

COMPACT DESIGN

The small footprint reduces the space required for installation. As the doors can be removed in seconds this allows full access for easy maintenance.

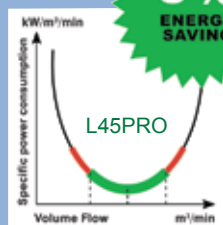
ENCLOSURE PREFILTER AND HEAVY DUTY INTAKE FILTER

Protects the compressor and with 99% efficiency ensures only the highest quality air enters the airend.



L45PRO

The extension of the 45kW class with L45PRO allows 8% energy saving. Utilising the premium sized airend with optimised rotor tip speed, the compressor works more efficiently and furthermore lowers the noise level.



Best performance for optimal volume flow — AirEnd Performance

➤ BUILT-IN INTELLIGENT CONTROLS

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

➤ THERMOSTATICALLY CONTROLLED MOTOR DRIVEN FAN

High efficiency extremely quiet fan allows the compressor to be operated in the work place, and achieves the maximum duct length without assistance.

FEATURES	BENEFITS
High efficiency airend	<ul style="list-style-type: none"> • Reduces power cost • High free air delivery • Highest reliability • Slow rotational speed
High efficiency IP55 EFF1 motor	<ul style="list-style-type: none"> • Reduces energy consumption • High level of protection
Automatic motor lubrication system	<ul style="list-style-type: none"> • Long bearing life • Zero maintenance
DELCO 3100 controller	<ul style="list-style-type: none"> • Easy to use • Protects your compressor • Ensures safe operation • Ability to control other compressors
Compact design	<ul style="list-style-type: none"> • Small footprint • Low installation costs
Thermostatically controlled fan	<ul style="list-style-type: none"> • Low noise levels • Up to 10m ducting length
Direct drive	<ul style="list-style-type: none"> • High reliability • High efficiency
ASSURE™ Warranty	<ul style="list-style-type: none"> • Total piece of mind

➤ LARGE SURFACE AFTER COOLER

Optimum cooling to ensure low operating and discharge temperatures.

➤ HIGHEST QUALITY HOSES

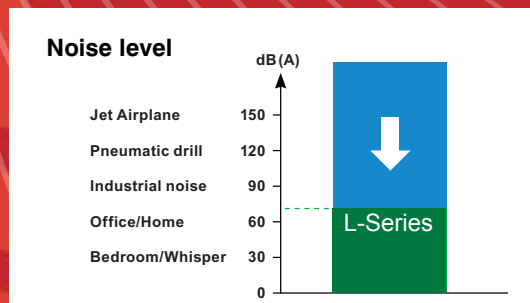
Solid hoses, with viton victaulic couplings increase reliability, and are easy to maintain.

➤ AUTOMATIC MOTOR LUBRICATION SYSTEM

Increases bearing life and is maintenance free.

➤ HIGH PERFORMANCE SEPARATOR FILTER

Two stage filtration ensures highest quality air is delivered to your system < 3ppm oil carryover. The vessel has a hinged cover for easy maintenance.



Compressor Models	
Frame 3	L30, L37, L45, L45PRO
Frame 4	L55, L75
Frame 5	L90, L110

TECHNICAL DATA

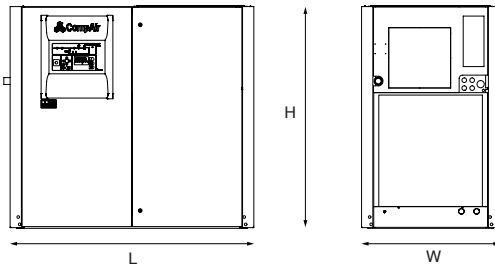
Frame 3

Compressor Model		L30			L37			L45			L45PRO	
Normal Pressure	psi g	100	125	190	100	125	190	100	125	190	100	125
	bar g	7.5	9	13	7.5	9	13	7.5	9	13	7.5	9
Drive Motor	HP	40			50			60			60	
	Kw	30			37			45			45	
FAD *	Scfm	203.7	187.5	154.3	241.7	226.3	186	278.7	260.8	214.5	304.7	279.7
	m³/min	5.75	5.11	4.36	7.1	6.17	5.3	8	7	6.11	8.67	7.92
Noise Level	dB(A)	67			68			69			67	
Weight	Lbs (kg)	2035(923)			2130(966)			2178(988)			2326(1055)	
Dimensions	LxWxH INS.	68x36x65			68x36x65			68x36x65			68x36x65	
	LxWxH MM	1722 x 920 x 1659			1722 x 920 x 1659			1722 x 920 x 1659			1722 x 920 x 1659	
Discharge Pipe Size	NPT	1.5"			1.5"			1.5"			1.5"	

Frame 4

Frame 5

Compressor Model		L55			L75			L90			L110		
Normal Pressure	psi g	100	125	190	100	125	190	100	125	190	100	125	190
	bar g	7.5	9	13	7.5	9	13	7.5	9	13	7.5	9	13
Drive Motor	HP	75			100			125			150		
	Kw	55			75			90			110		
FAD *	Scfm	381	351	290	475	445	372	627.1	573.5	472.2	727.7	683.5	569.8
	m³/min	10.69	9.51	8.24	13.74	12.44	10.43	17.45	15.47	13.45	20.77	18.63	16.21
Noise Level	dB(A)	73			75			75			77		
Weight	Lbs (kg)	3803(1725)			3892(1765)			5551(2513)			5860(2614)		
Dimensions	LxWxH INS.	85 x 76 x 48			85 x 76 x 48			92 x 54 x 80			92 x 54 x 80		
	LxWxH MM	2158 x 1223 x 1971			2158 x 1223 x 1971			2337 x 1368 x 2039			2337 x 1368 x 2039		
Discharge Pipe Size	NPT	2"			2"			2.5"			2.5"		



* Data measured and stated in accordance with ISO 1217 Annex C and Pneuport/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 Pneuport/Cagi PN8TNC2.2 test code, +/-3 dB

*** Flow capacities to ISO 7138 refer to a working pressure of 7 bar, an inlet temperature of 35°C and an ambient temperature of 25°C, saturated/dew point to ISO 8573-1



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Member



Please recycle after use.