CompAir

L Series

L55–L132 (75–180 HP)
Fixed Speed Rotary Screw Compressors

A Better Approach

CompAir has a long history of manufacturing compressed air equipment. What sets CompAir apart is our design approach. We use advanced design techniques that result in products which uniquely combine ***simplicity*** with ***cutting edge technology***. The result: a compressor that delivers outstanding performance with unprecedented serviceability.

Advanced Technology

INSPIRED SIMPLICITY

The Total Package

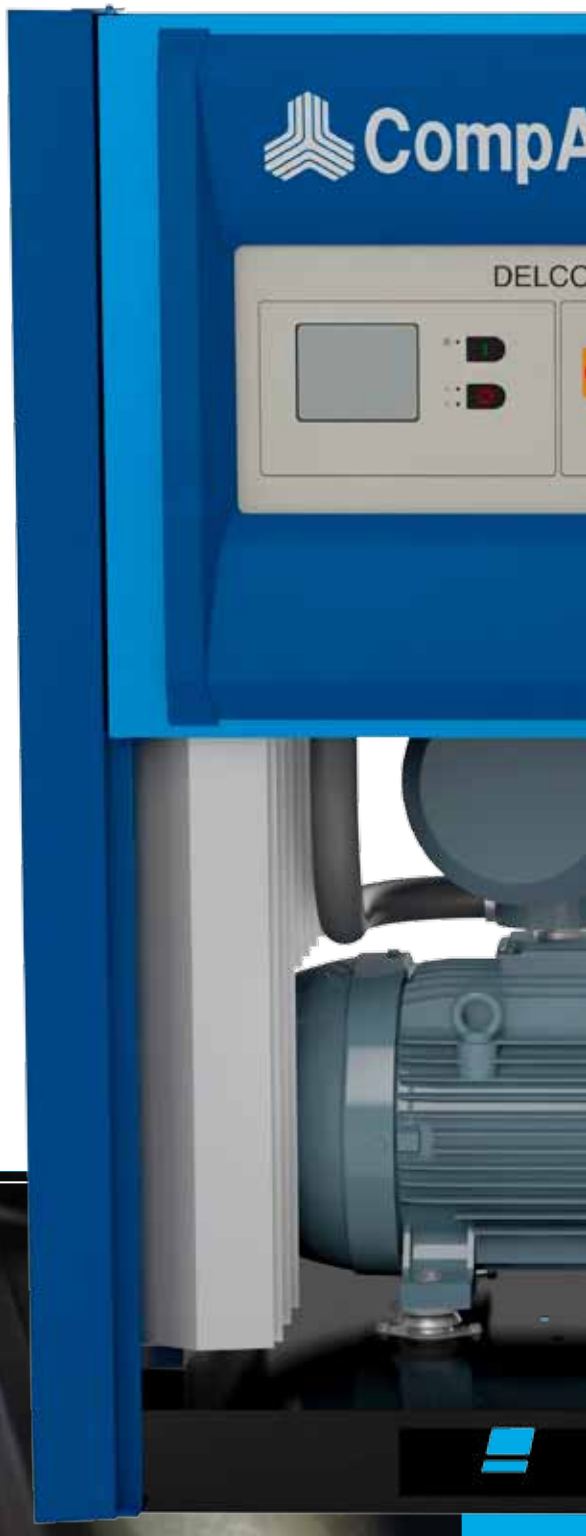
CompAir has the total package—extensive compressor and air treatment product lines, sales and service support through our extensive network of authorized local distributors, and industry leading warranty programs. Because we offer more than just compressed air equipment, we can provide *solutions* that keep you running, protect your production objectives and save you money.

Expect More? Choose CompAir.

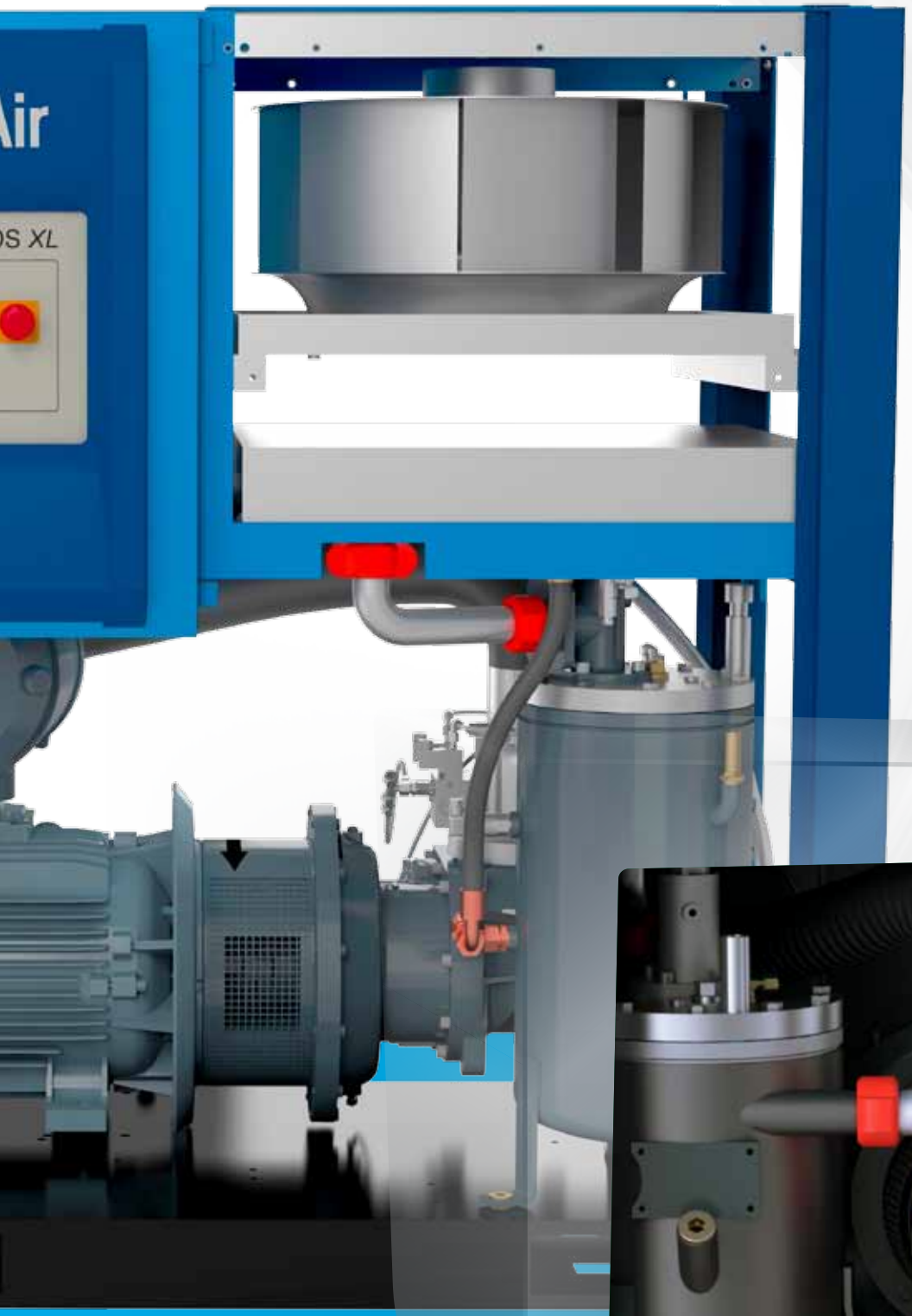
A Whole New Level of Serviceability

Designed with the customer in mind, all CompAir compressors feature a clean, simple and intuitive layout. Our “advanced but simple package design” ensures first class serviceability by:

- Lowering maintenance and service costs
  - Reduced number of components to maintain
  - Machines all feature one common layout
- Lengthening service life
  - Superior long-life components ensure excellent compressed air quality
- Limiting down time
  - Quick and complete access to grouped service components
  - Removable hinged enclosure panels



Experience the difference of a *truly* service-friendly compressor


Air
OS XL

Easy to Navigate, Compact Packages

Small footprint or superior serviceability?

Achieve the best of both worlds with CompAir. Our integrated design eliminates unneeded connections and minimizes piping; allowing the footprint of the package to be reduced without overlooking the importance of serviceability.

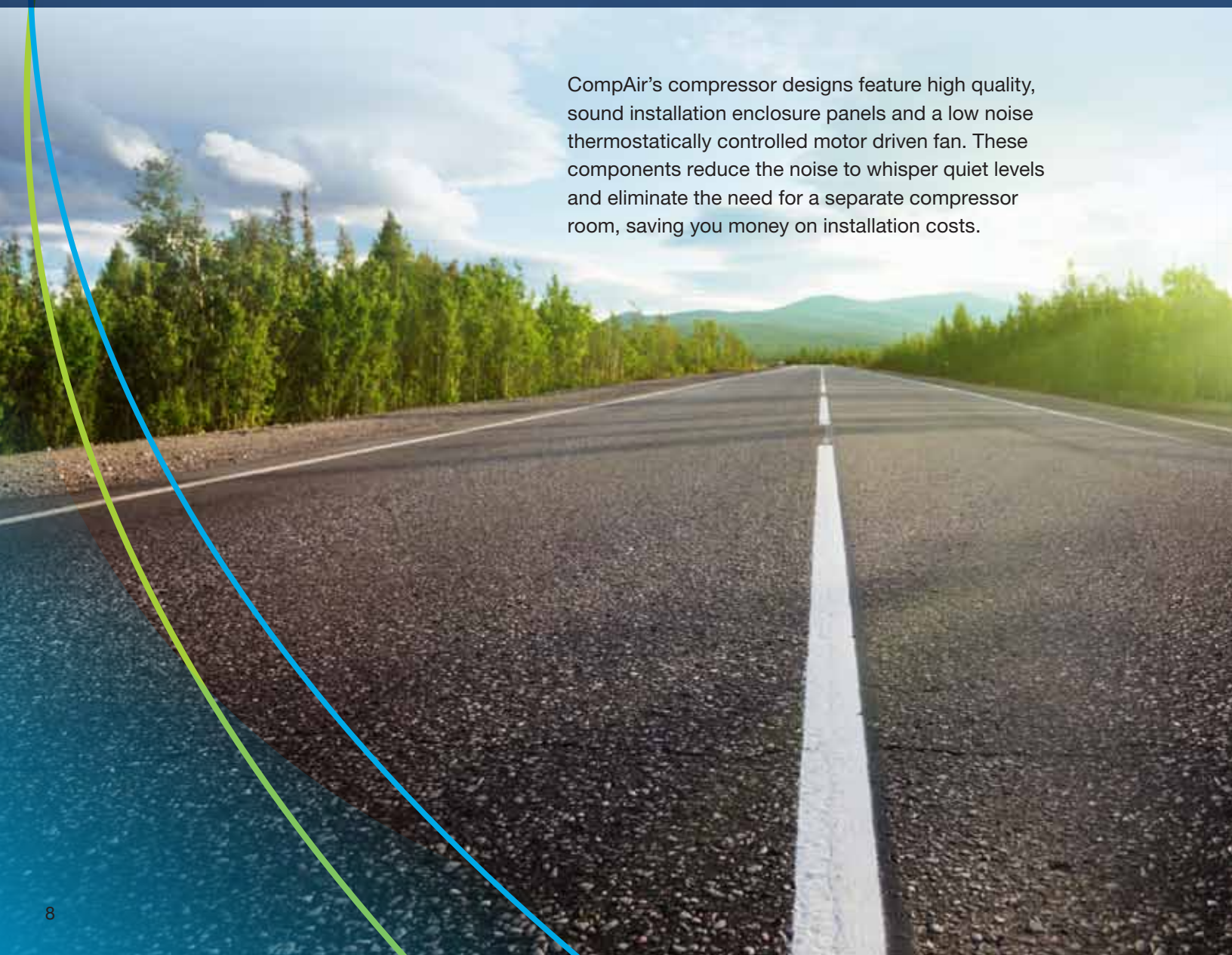
- Lower installation costs
- Increased flexibility when determining installation location
- Ability to more easily handle and move machines

Small Footprints=Cost Savings

Without sacrificing serviceability, CompAir compressor packages feature some of the smallest footprints in the industry.

Nearly SILENT Noise Levels

CompAir's compressor designs feature high quality, sound installation enclosure panels and a low noise thermostatically controlled motor driven fan. These components reduce the noise to whisper quiet levels and eliminate the need for a separate compressor room, saving you money on installation costs.



CompAir — Taking quiet to a whole new level

Stay Focused on What Is Important

Compressors are a more than just a financial investment. They are a key component in ensuring that you, as a manufacturer, processor and operator, receive consistent, high quality low cost air. CompAir uses the latest design techniques to develop a compressor that focus on the three most important aspects of a compressor.

Reliability. Performance. Value.

Reduced Number of Components

Direct Angle Injection

Industrial Grade Components

Direct Gear Drive

Integrated Oil Filter

Semi Integrated Airend

RELIABILITY

Fail Safe Shaft System

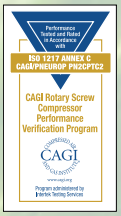
Less Leak Opportunities

Fewer Hose Connections

Low Rotational Speeds

Integrated Thermostatic Mixing Valve

As a member of the Compressed Air and Gas Institute's performance verification program, you can rest assured that the performance numbers that CompAir publishes are consistent with the actual performance of our machines. CompAir compressors, just as all lubricated rotary screw compressors 5 HP and above, are third party tested to ensure that our performance numbers are accurate, easy-to-understand and verified.



CompAir — Exceeding your expectations

HIGH PERFORMANCE COMMANDS

ENGINEERING EXCELLENCE

The air you need when you need it

CompAir compressors are more than reliable. They feature high-efficiency airends that make more air using less power when compared to the competition. When you choose CompAir you can rest assured you'll have the air you need.

High Efficiency
TEFC Motor

Superior
Specific Power

Minimal Pressure Drop

VALUE

Low Life
Cycle Costs

Market Leading
Energy Savings

Lowest kW/100 CFM

Get more for your Money

get in touch

with the next generation of compressor controllers

State-of-the-Art

CompAir completes its industry leading compressor packages with state-of-the-art intelligent Delcos microprocessor controllers. Featuring advanced software and an easy to use interface, CompAir's controllers provide and display an extensive amount of data on the operation of your compressor.

Built-In Intelligent Controls

Delcos XL Controller Features

- Real time clock
- Second pressure setting
- Touch Screen
- Discharge/line/network pressure data displayed
- Advanced fault history log
- Programmable inputs and outputs
- Auto restart after power failure
- RS485-Modbus RTU Standard
- Optional SD card for data logging
- Optional Baseload sequencing to control multiple machines

Best WARRANTY in the Industry

Experience Peace of Mind

CompAir's engineering philosophy ensures long-lasting, reliable equipment. Our simple, but bold warranty programs demonstrate our belief in the quality found in CompAir compressors.

Our standard warranty ensures that you've got peace of mind when it comes to your system's operation. For added protection, take advantage of our 10 year extended warranty program. Simply stated, it's the best in the industry.

CompAir
L110
www.CompAir.com

Superior SUPPORT at a Local Level

Sales & Service Distributors Across America

An Extensive Network

By leveraging CompAir's extensive network of factory trained authorized local distributors, your sales, service and technical support needs can be handled quickly and easily. Keeping your compressors maintained and adequately serviced has never been simpler.

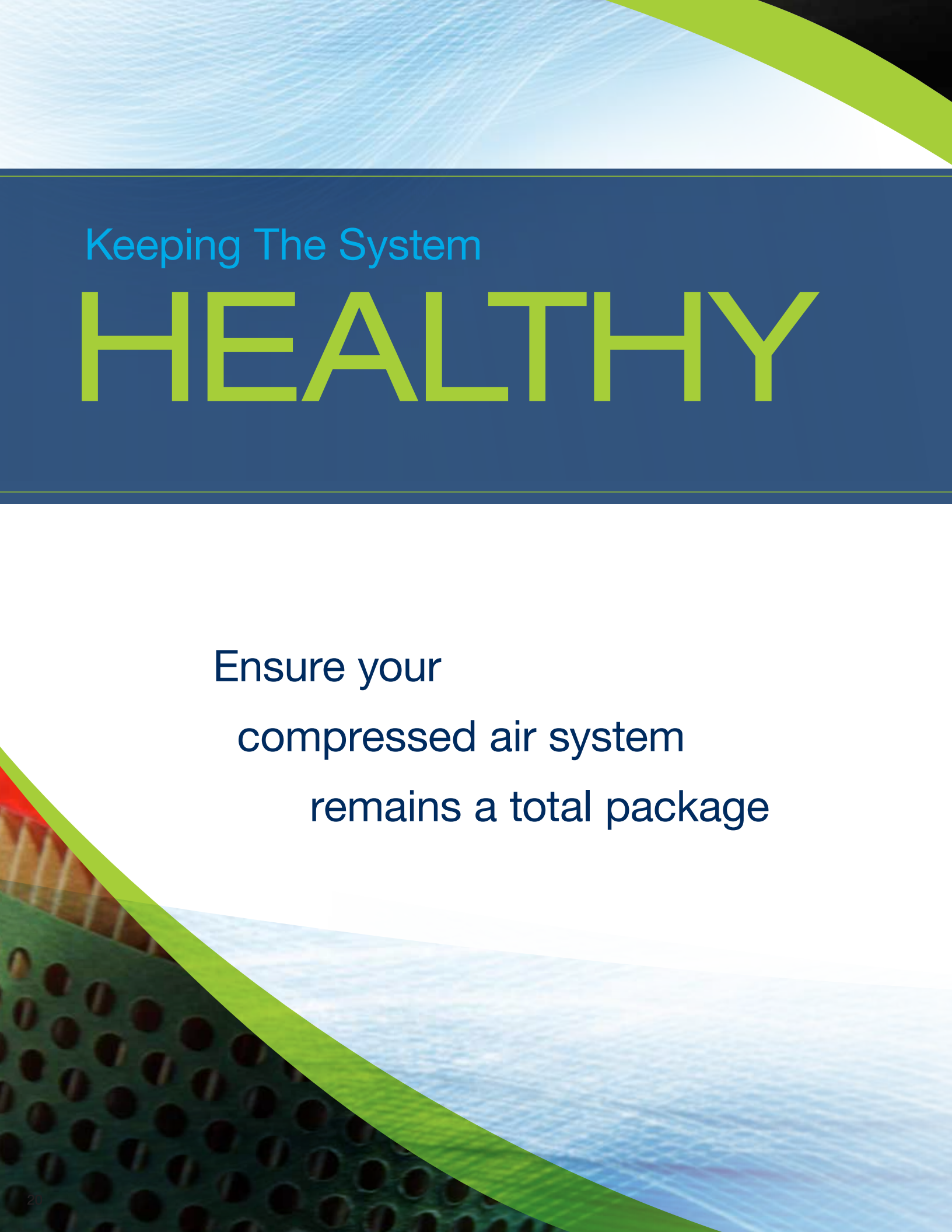
To find a distributor
scan the QR code or visit:

http://us.compair.com/find

Keeping The System

HEALTHY

Ensure your
compressed air system
remains a total package



Factory-Specified Parts & Accessories

Each and every part that goes into a CompAir compressed air system is tested and approved by our world-class Engineering team. Don't trust some faceless pirate to supply the vital parts and accessories that keep your compressed air system healthy. Where will they be when their knock-off parts cause problems for your operation?

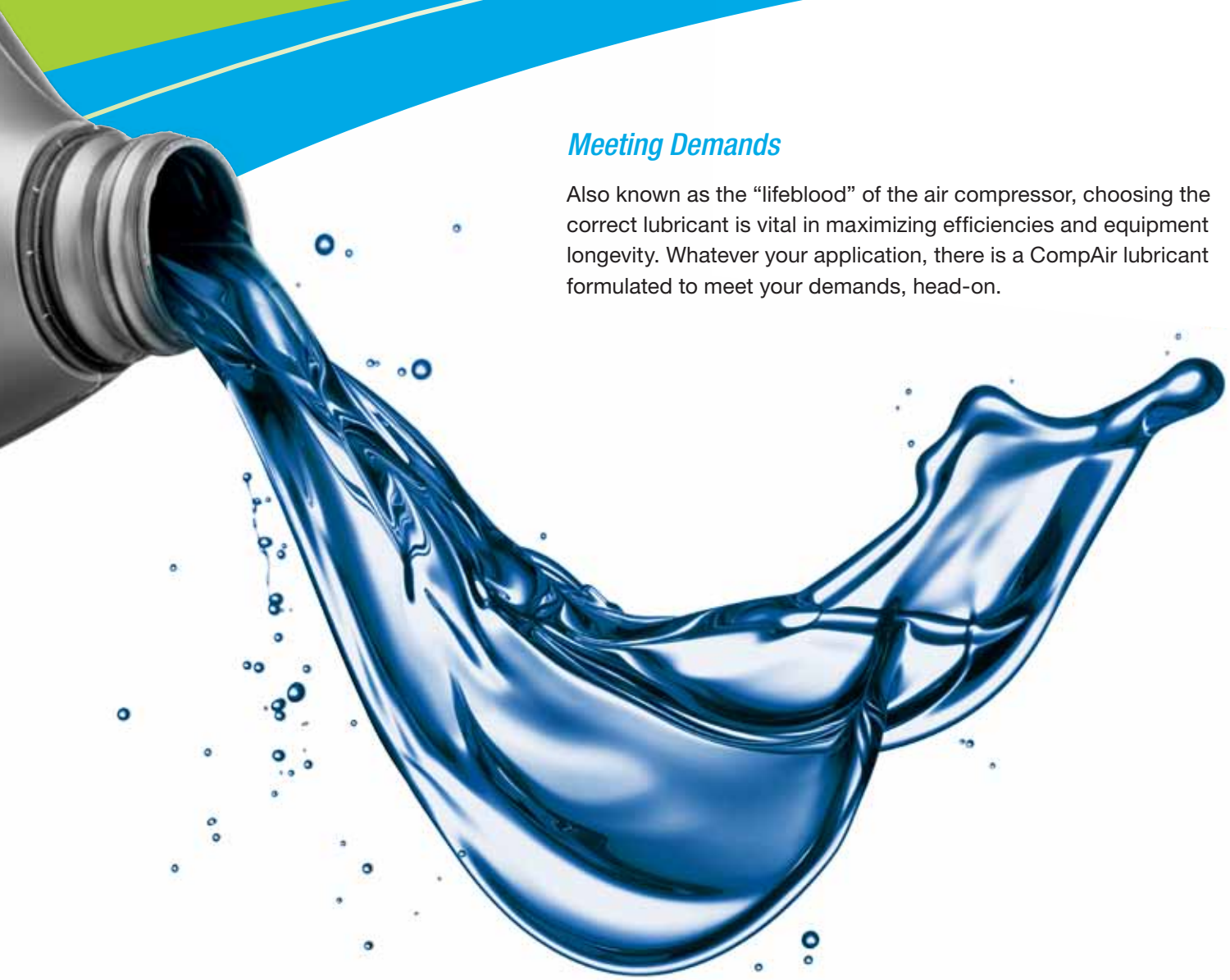
Replacement Parts

CompAir air compressor parts have tolerances as low as one-ten-thousandths of an inch. Keep *that* in mind as you decide where to purchase your replacement parts.

Service Components

Oil filters, separators and air filters are specified and designed into a CompAir compressor as part of the total package. Replacing these components with genuine CompAir parts ensures that your compressed air system remains a total package.

Lubricant SOLUTIONS



Meeting Demands

Also known as the “lifeblood” of the air compressor, choosing the correct lubricant is vital in maximizing efficiencies and equipment longevity. Whatever your application, there is a CompAir lubricant formulated to meet your demands, head-on.

Food Grade Semi-Synthetic

SYNTHETIC

High Performance High Temperatures

Technical Data

L55 – L132 Screw Compressor

Model	Nominal Pressure	Drive Motor		FAD[1]	Noise Level[2]	Weight	Dimensions L x W x H
	psig	HP	kW	cfm	dBA	lbs	inches
L55	100 125 190	75	55	381 351 290	73	3803	85 x 48.1 x 77.6
L75	100 125 190	100	75	475 445 372	75	3892	85 x 48.1 x 77.6
L90	100 125 190	125	90	627.1 573.5 472.2	75	5551	92 x 54 x 80
L110	100 125 190	150	110	727.7 683.5 569.8	77	5860	92 x 54 x 80
L132	100 125 190	180	132	800.1 753.3 648.3	78	6124	92 x 54 x 80

1) Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions:
Air Intake Pressure 1 bar a
Air Intake Temperature 20° C
Humidity 0 % (Dry)

2) Measured in free field conditions in accordance with ISO 2151, tolerance +/– 3 dB

WWW.COMPAIR.COM

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CU-L55-L132 1st 10/13

MEMBER OF CAGI Compressed Air & Gas Institute

KNOW PRESSURE COMPRESSED AIR CHALLENGE

CERTIFIED QUALITY MANAGEMENT SYSTEM ISO 9001:2008 ANAB DNV

ENERGY STAR PARTNER

Performance Tested and Rated in Accordance with ISO 1217 ANNEX C CAGI/PNEUROP PN2CPTC2 CAGI Rotary Screw Compressor Performance Verification Program CAGI