

# EG SUPER PREMIUM SERIES

Oil-injected Rotary Screw Air Compressors

90 – 110 kW / 125 - 150 hp  
424 cfm - 765 cfm  
100-175 psi g

**ELGi**<sup>®</sup>  
Always Better.

## BUILT FOR ENERGY EFFICIENCY AND PERFORMANCE

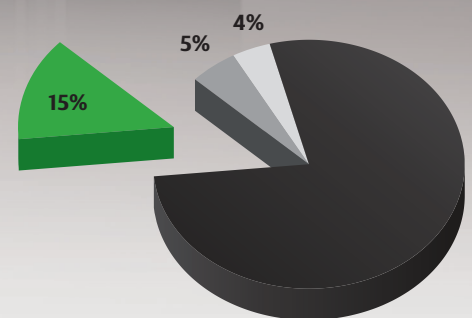


### LEADING THE WAY IN ENERGY EFFICIENCY AND LIFE-CYCLE COST SAVINGS FOR INDUSTRIES WORLDWIDE.

Industries across the globe are under increasing pressure to minimize their carbon footprint and embrace heightened environmental responsibility.

In response to these challenges ELGi proudly presents the new EG Super Premium 90-110 range of rotary screw air compressors.

Recognizing that over 80% of a compressor's total life-cycle cost is attributed to energy costs, the EG Super Premium compressors deliver an impressive boost of up to **15%** in energy efficiency compared to existing compressors.



■ Initial investment   ■ Maintenance  
■ Energy cost   ■ SPC reduction



### Highly Efficient Two-Stage Airends

ELGi's two-stage air ends features: Proven n-V profile for superior energy efficiency. This gives a 15% savings in specific power. Reduction of compression pressure ratio increases reliability with less load on each stage.

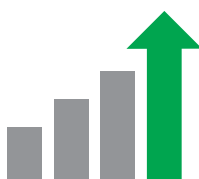


### NEMA Premium Efficiency Motors

Reliable and Efficient

The motors with a larger core and increased windings offer:

- TEFC severe duty for industrial applications
- Direct coupling with air end increases energy efficiency
- High ambient rating



## N4

### Neuron 4 Controller

Neuron 4 is everything that you will need for a superior and reliable compressor operation. The industrial - grade, 7" touchscreen user interface offers a seamless experience in setting the compressor operational parameters. The Neuron 4 with advanced processor enables:

- Sequencing of up to 8 compressors
- Pressure schedulers to optimize compressor performance
- An array of communication options and protocols with Ethernet, RS485, CAN, TCP/IP, MODBUS
- Industry 4.0 compatible with optional Air-Alert (IoT) and OPC-UA communication protocol
- Multi lingual with support up to 32 languages
- Mimic display
- Reverse rotation prevention.



### Save Energy with optional VFD

The In-built ELGi Variable Frequency Drives (VFD) matches the compressor output with the demand by varying motor speed which reduces the power consumption and subsequently results in savings.

The VFD helps in eliminating frequent load-unload cycles.

In a fixed speed compressor with a Star-Delta starter, the starting current is as high as three times the full load current (FLC). With ELGi VFD, the starting current is less than the FLC.

- Energy savings
- Improved power factor
- Low starting current and hence reduced maximum demand
- Reduced maintenance
- High efficiency combined efficiency drive system



### Superior Warranty

The EG Series offers lifetime air end warranty and a five year package warranty, ensuring customers receive best-in-class compressed air products along with industry leading warranty coverage.

\*Terms & Conditions apply.

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