

**ELGi**<sup>TM</sup>



1-3 HP



## LG Series Reciprocating Air Compressor

Rugged | Reliable | Trusted across Industries worldwide

**UPTIME**<sup>TM</sup>  
ASSURANCE

# LG Series

1-3 HP

The LG Series 1-3 HP compressors are designed for continuous duty application. These single-stage cylinder belt driven reciprocating compressors are reliable workhorses and provide an airflow range of 4-9 cfm

## Key Product Features

- Designed for continuous duty
- Deep finned cast iron cylinder
- Aluminum cooler tubes and aerodynamically designed for efficient cooling
- Air receiver, conforming to ASME design
- Sturdy, robust cast iron crankcase
- Forged steel crankshaft
- Optimal operating speed
- Pressure relief valve for extra safety
- Low expansion aluminium alloy piston
- Automatic start and stop loop control





Precision machined alloy pistons for longer life



Low wear stainless steel valves



Deep finned cylinders for efficient heat transfer. Large cooling fan covers the entire compressor block



## Technical Specifications

Model	Motor Power		Piston Displacement		Free Air Delivery*		Comp. Speed rpm	Max Pressure		Air Receiver ltrs	Net Weight Kg	Dimensional Data LxHxB (mm)
	HP	kW	m <sup>3</sup> /min	cfm	m <sup>3</sup> /min	cfm		Kg/cm <sup>2</sup>	psi			
LG 01 100	1	0.75	0.12	4.19	0.06	2.12	1200	10	145	45	72	900x475x850
LG 01 100	1	0.75	0.12	4.19	0.06	2.12	1200	10	145	100	100	1270x390x840
LG 11 100	1.5	1.1	0.16	5.57	0.08	3	930	10	145	100	102	1310x530x840
LG 02 100	2	1.5	0.20	7.06	0.11	3.89	870	10	145	100	112	1310x530x825
LG 02 100	2	1.5	0.20	7.06	0.11	3.89	870	10	145	160	140	1280x590x885
SS 03 E100	3	2.2	0.28	9.99	0.19	6.77	1225	10	145	160	143	1330x450x900

### Note:

- Free Air Delivery measured as per IS 5456 at 7 bar
- Squirrel cage motors with IP55 protection and Class F insulation
- All models are available with single-phase motors. Weight of single-phase motor units may vary by +/- 7 kg depending on models by HP
- Due to continuous engineering improvements, technical specifications are subject to change without prior notice



# AIR UP.

**UPTIME™** comes standard on every Elgi Compressor



## UPTIME Design

This speaks to the engineering and design of our products. Our R&D is dedicated to designing machines that run cooler, cleaner and longer... that are easy to service... with longer service intervals.



## UPTIME Components

For so many of our customers, seeing is believing. They know a quality-built machine when they see it. That's why every part on a ELGi compressor is a quality part. From our proprietary air ends, to our use of leak-free hoses and piping.

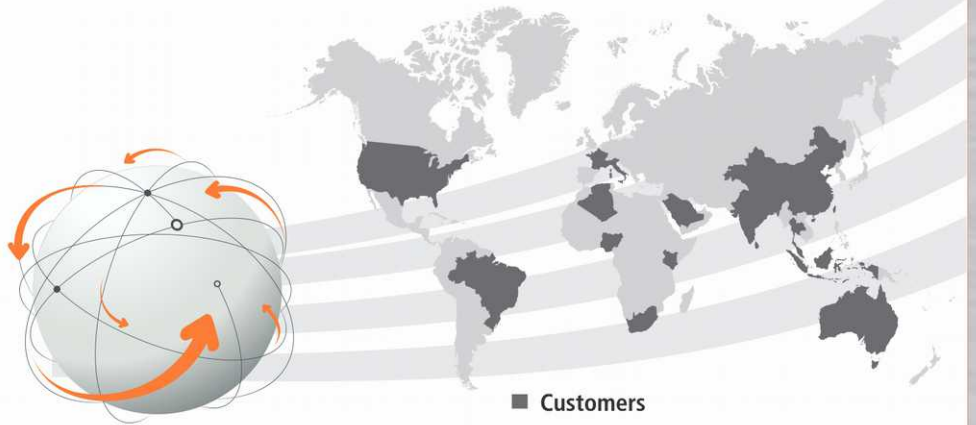


## UPTIME Assurance

Here is where we back our pledge, with industry-leading warranties, parts availability, loaner machines and call centers staffed by experts.

## World-Class Products. Global Reach. Local Service.

Our rapidly expanding global footprint now spans **73** countries, **20** offices and more than **280** distributors. ELGi has its own manufacturing facilities in China, France, India and Italy. Additionally, ELGi has warehouse operations to stock units and parts in Australia, Brazil, UAE, Indonesia and USA.



# ELGI™

**Elgi Equipments Ltd.**

Singanallur, Coimbatore-641005, India. Tel: +91-422-2589555  
 Fax: +91-422-2573697 International Division Fax: +91-422-2589401  
 E-mail: enquiry@elgi.com Web: www.elgi.com

**Manufacturing locations:** China, France, India, Italy

**Subsidiaries and offices :** Australia, Bangladesh, Brazil, China, France, Indonesia, Italy, Srilanka, Thailand, UAE, USA

Toll free customer care number **1800 - 425 - 3544**

**Distributed by**

