



# Single-Stage Direct Drive Oil-Free Reciprocating Air Compressors

# ELGi

Always Better.

**UPTIME™**  
ASSURANCE



CIN: L29120TZ1960PLC000351

[www.elgi.com](http://www.elgi.com)

1 - 4 HP / 0.75 - 3.0 kW

# For Small Oil-Free Air Needs

Elgi offers 1-4 HP Oil-free compressors to its customers who need small quantities of oil-free air to work with their sophisticated equipment like dental chairs, laboratory equipment to name a few. Designed for light duty applications, these compressors are of dry sump design ensuring compressed air delivery without oil contamination. Select models are offered with desiccant driers for applications that demand very low pressure dew points as in food processing, research laboratory culture sample development etc. The use of PTFE coated pistons and sealed bearings eliminate the need for lubricating oil.



Noise Level of Only **63dB(A)**!

## Key Product Features

- Plug and play system
- Portable
- Unique suction through crank case design.
- Rocking piston arrangement for low vibration
- PTFE coated piston rings
- Motor provided with in-built overload protection
- Internally coated air receiver for corrosion resistance



## Key Product Features

- Plug and play system
- Models offered with and without desiccant driers according to customer need
- 4 HP models are twin systems (2x2HP versions) with an in-built delay timer to switch on the second unit after a few seconds from the start of the first unit
- Product available in 45L and 100L variants
- Internally coated air receiver for corrosion resistance

## Applications



Dental



Fermenters



Gas, Liquid & Ion Chromatography



Food Processing



Small, Sophisticated Laboratory Equipment

## Technical Specification

Model	Motor Power		Tank Capacity	Piston Displacement		Free Air Delivery		Maximum Pressure		Speed	No. of Cylinder	Voltage	Noise	Dimension	Weight	Model with Dryer
	kW	HP	Litres	lpm	cfm	lpm	cfm	bar	psi	rpm	n°	Volt/Ph	dB(A)	(LXBxH) mm	Kg	(Y/N)
SS 01 OF D	0.75	1	45	92	3.25	50	1.77	8	116	1450	1	230/1	63 +/-1.5	840 x 460 x 720	53	N
SS 02 OF D	1.5	2	45	201	7.10	150	5.30	8	116	1450	2	230/1	75 +/-3	900 x 610 x 950	80	Y
SS 02 OF D	1.5	2	45	201	7.10	150	5.30	8	116	1450	2	230/1	75 +/-3	900 x 610 x 950	65	N
SS 04 OF D*	1.5+1.5	2+2	100	402	14.20	300	10.60	8	116	1450	2+2	230/1	79 +/- 3	1500 x 820 x 930	200	Y
SS 04 OF D	1.5+1.5	2+2	100	402	14.20	300	10.60	8	116	1450	2+2	230/1	79 +/- 3	1500 x 820 x 930	170	N

### Notes

Best suited for duty cycle of 3 minutes on and 7 minutes off in an operating cycle of 10 minutes

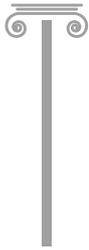
\* Each unit has 2 compressor pumps and 2 driers

Free air delivery measured by tank filling method

Due to continuous engineering improvements, specifications are subject to change without prior notice

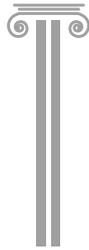
Elgi compressors are not designed/approved for breathing air applications. Elgi Equipments Limited assumes no responsibility or liability for compressors used for breathing air usage

# AIR UP. UPTIME™



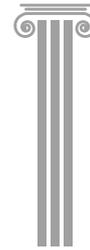
## UPTIME Design

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. Our industry leading warranties, parts availability and call centers staffed by experts assure peace-of-mind to our customers.



## WORLD-WIDE REACH

ELGi serves the world marketplace. Over two million compressors are powering business in 70 countries worldwide. The company offers a strong sales and service network, integrated with a distribution network of 100's of dealers worldwide. ELGi™ has its own manufacturing facilities in India, Italy and USA. Additionally, ELGi has warehouse operations to stock units and parts in Australia, Brazil, Indonesia and Middle east

# ELGi

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