



# Two - Stage Direct Drive Reciprocating Air Compressors

**ELGi**  
Always Better.

**UPTIME™**  
ASSURANCE



CIN: L29120TZ1960PLC000351

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

3 - 10 HP / 2.2 - 7.5 kW

Fitting all your needs



Reliable as ever



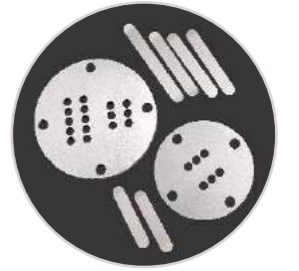
Safety and capacity ensured with ASME designed receiver tank



Assured longer life with cast iron and forged steel components



Starter and pressure switch of proven reliability over time



Maintenance free Stainless steel valve plates

Premium Features\*



Maximum ambient 50°C/122°F



7% - more flow



Low noise level 70 - 75 dB(A)



9% lesser footprint



60% less oil change cost



25% reduced service cost

\*Avg. values across models  
Values in comparison with conventional belt drive models

The Direct Drive Advantage

Low operational speed using **high efficient IE2 6 pole motor**

Common cooling fan for **energy efficiency and power saving**

Optimized design of piston and rings for longer life

Larger Aluminium inter & after coolers aiding **44% more heat transfer area**

Provision to run top block independently based on varied air demand -**Demand based utilization**

Unique integrated drive with compact top block design

Simplex Duplex

Quickest **-ROI-** PROMISE WITH

Minimum Savings\* of **₹5000 - ₹25000 / year** based on compressor hp rating

23% Assured Lower Power Cost

## Technical Specification

Model	Power		Comp. speed rpm	Maximum Working Pressure		Free air delivery		Dimensions in mm			Weight kg	Air receiver litre
	HP	kW		bar (g)	psi (g)	lpm	cfm	length	breadth	height		
TS 03 L D	3.0	2.2	950	12.0	175	261	9.2	1310	570	1020	160	160
TS 05 L D	5.0	3.7	960	12.0	175	439	15.5	1590	595	1045	190	220
TS 07 L D	7.5	5.6	960	12.0	175	680	24	1640	635	1110	255	220
TS 10 L D*	10.0	7.5	960	12.0	175	906	32	1915	635	1175	400	500

• Free air delivery measured in accordance with IS 5456 at a rated pressure of 10 kg/cm<sup>2</sup>

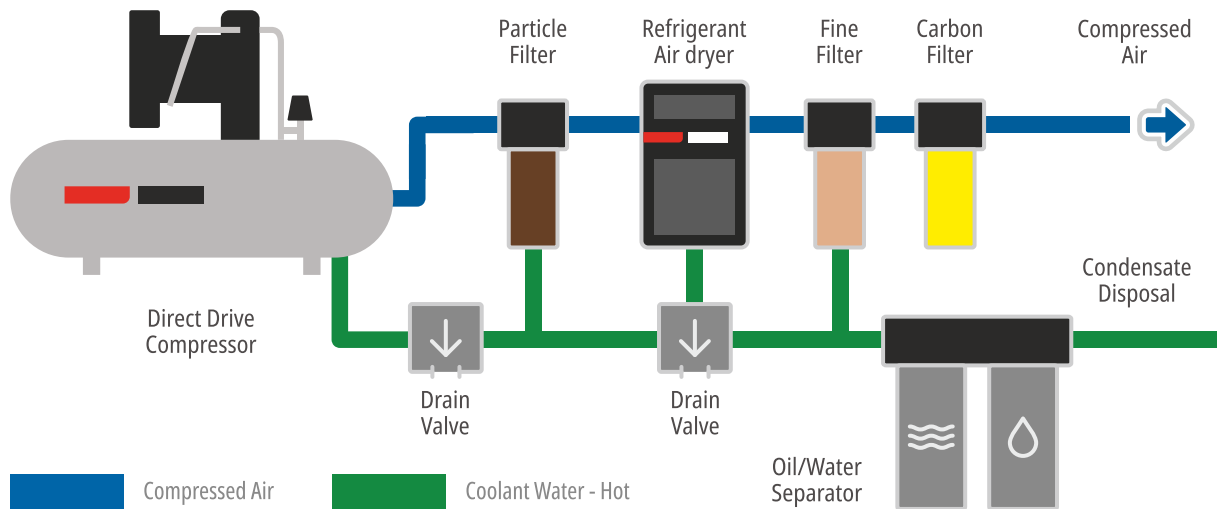
• Due to continuous engineering improvement, technical specifications are subject to change without prior notice. \*-Duplex - 2 X 5HP

## Genuine Spares

For enhancing performance and productivity



## Typical Compressed air supply system



# ELGI

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