



# Two - Stage Direct Drive Reciprocating Air Compressors

**ELGi**  
Always Better.

**UPTIME**<sup>™</sup>  
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



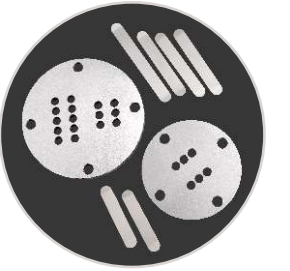
Safety and capacity ensured with ASME designed receiver tank



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

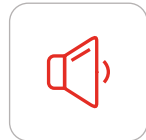
## Premium Features\*



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 | Maximum Working Pressure |         | Free air delivery |      | Dimensions in mm |         |        | Weight | Air receiver |
|------------|-------|-----|-------------|--------------------------|---------|-------------------|------|------------------|---------|--------|--------|--------------|
|            | HP    | kW  | rpm         | bar (g)                  | psi (g) | lpm               | cfm  | length           | breadth | height | kg     | litre        |
| 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          |

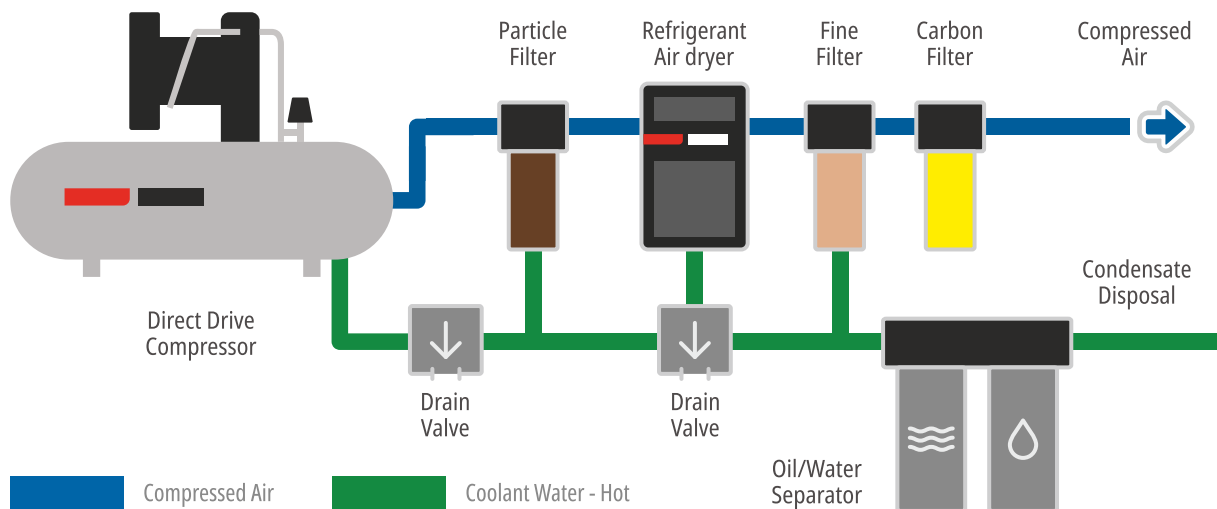
- Free air delivery measured in accordance with IS 5456 at a rated pressure of 10 kg/cm<sup>2</sup>
- Due to continuous engineering improvement, technical specifications are subject to change without prior notice. \*-Duplex - 2 X 5HP

## Genuine Spares

For enhancing performance and productivity



## Typical Compressed air supply system



# ELGi

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