



Two - Stage Direct Drive Reciprocating Air Compressors

ELGi
Always Better.

UPTIME™
ASSURANCE



CIN: L29120TZ1960PLC000351

www.elgi.com

3 - 10 HP / 2.2 - 7.5 kW

Fitting all your needs



Reliable as ever



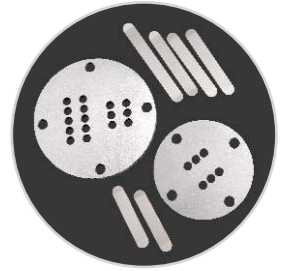
Safety and capacity ensured with ASME designed receiver tank



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

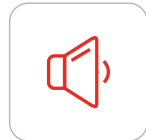
Premium Features*



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/cm²

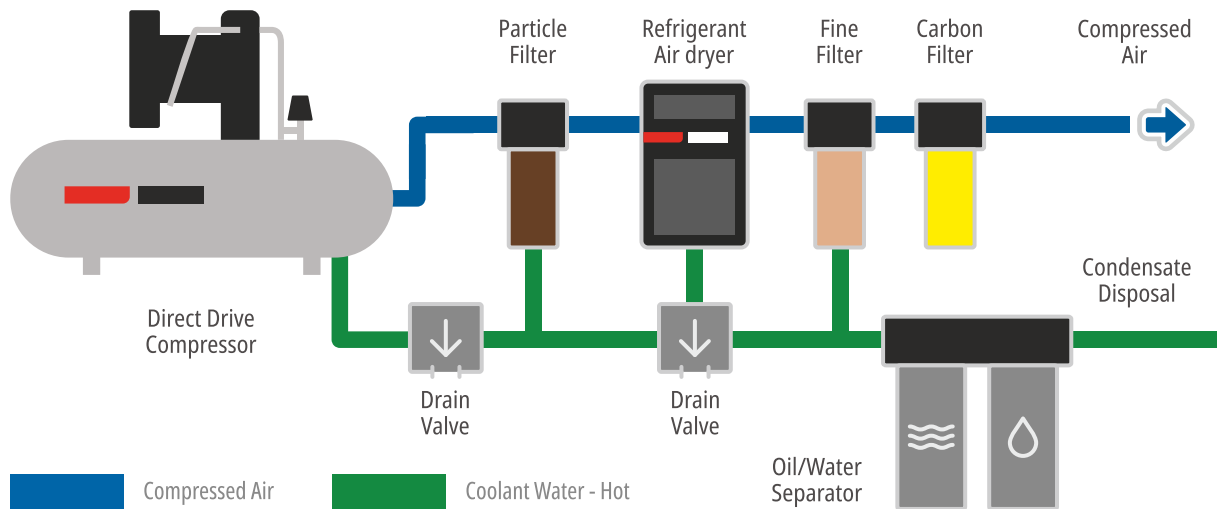
• Due to continuous engineering improvement, technical specifications are subject to change without prior notice. *-Duplex - 2 X 5HP

Genuine Spares

For enhancing performance and productivity



Typical Compressed air supply system



ELGI

ELGI EQUIPMENTS LIMITED

CORPORATE OFFICE: Trichy Road, Singanallur, Coimbatore - 641005,

T: +91-422-2589555, E: enquiry@elgi.com, W: www.elgi.com

Toll-free no: **1800-425-3544** (applicable only for India)

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