

EV SERIES ELECTRIC POWERED SCREW AIR COMPRESSOR**TECHNICAL OFFER**

M/s. CRESCENTIA LABS PVT LTD.

PLOT NO 15-B, SY NO 230 TO 240,

TURKAPALLY SHAMEERPET MANDAL,

HYDERABAD-500078 TELANGANA STATE.

Kind Attn: Mr. B. VASU RAO

Mobile no: 9966557533

Sub: Reg- Requirement of Compressed Air System

Dear Sir,

With reference to the requirement for the air compressor enquiry, we are pleased to submit our offer for the EV Series rotary screw air compressor with its technical specification.

EV Series compressors are precision designed and carry the promise of reliable performance and ease of maintenance for each component in the unit. These compressors meet international standards on quality and reliability, and fulfil the performance and quality criteria of global companies.

The added values of this new generation compressor are its lower operating and lifecycle costs, energy efficiency, high operator safety, and easy to use features for performance control and report generation.

The compressor comes in a compact, aesthetically appealing packaging and is easy to install.

ELGi EV Series compressors belong to a highly successful range of screw compressors from ELGi with a large customer base across the world for a wide variety of applications.

Why ELGi?

- A market leader and Asia's largest manufacturer of air compressors, based out of Coimbatore, India with 50+ years of expertise in design, manufacture, sales and service of a wide range of compressors and related accessories. Over 2 million ELGi products are powering businesses in industries such as mining, defence, transport, pharmaceuticals, power, oil, railways, chemical, textile, printing, ship-building, paper manufacturing, electronics, telecommunications, medical, food and beverage, and plastics.

ELGI EQUIPMENTS LIMITED

Trichy Road, Singanallur, Coimbatore - 641005, Tamilnadu, India

T +91 422 2589 555, w www.elgi.com, Toll - free No: 1800-425-3544, CIN No: L29120TZ1960PLC000351

- Global footprint with off-shore manufacturing bases in Rotair SPA, Italy and Pattons Inc, USA, and sales presence in over 70 countries.
- Quality assurance and reliability that come from being an ISO 9001:2015 company.
Each component in each ELGi product goes through stringent quality tests through 3D measuring machines, high-precision profile projectors, roundness and hardness testers, ultrasonic flaw testers and many more.
- Single source for all your compressor needs.
We design and install a complete system that meets the requirement of different applications across industries.
We offer the complete compressed air system of air compressors, air dryers, variable speed drives, down-stream filters and air receivers.
- Aftersales service through our service organization that consists of 13 branches, over 70 dealers across India, over 200 distributors in 70+ countries across the globe.
Our customers have access to a toll-free Customer Care System.

We are confident that our offer will meet the needs of your organisation. Should you need any other information, please feel free to contact the undersigned.

Please find enclosed with this offer:-

- Scope of supply and technical specifications
- Commercial terms & conditions
- Product catalogue

We look forward to receiving your order.

Thanking and assuring you of our utmost attention always.

Yours Sincerely,

Elgi Equipments Limited

Pavan Kumar E | Sr.Engineer – Channel Sales,

ELGi EQUIPMENTS LIMITED | HYDERABAD |

H.O: ELGi Industrial Complex, Trichy Road, Singanallur, Coimbatore, Tamilnadu - 641005, India |

Mobile : +91-97919 55593 | E-Mail: pavan@elgi.com | Website: <https://www.elgi.com/in/>

STANDARD SCOPE OF SUPPLY EV Series:

PERFORMANCE:

Description	Specifications
Compressor model	EV-D-30-10
Capacity (Free air delivery at rated pressure)	165 Cfm
Working Pressure	9.5 Bar g
Max Pressure	10.0 Bar g
No. of stages	Single
Cooling system	Air-cooled
Main motor (Nominal rating)	30 kW (40 HP) (SF 1.2 Continuous), Sq. cage induction motor, TEFC type, suitable for operation on 400V, 3ph., 50 Hz, AC supply, F class insulation with IP55 deg. of protection
Starter	Star Delta Starter



SCOPE OF SUPPLY

➤ **Base & Enclosure:**

- Rigid frame
- Powder-coated panels with two service doors at the front and two at the sides
- Latches on each door
- Ducts for drive motor

➤ **Drive System**

- Main motor – high Efficiency IE2 / IE3 TEFC motor with "class-F" insulation
- Flexible coupling with elastic element
- Rigid connection of motor and the airend flange
- ELGI Certified control panel with
 - Wye-delta reduced voltage starter for the main motor
 - DOL starter with contactor for cooling motors
 - High amp protection electric motors

➤ **Air Inlet System**

- Pre-filter: To ensure clean air is supplied to the inlet system
- Air duct: To get clean and cool air to the air filter
- Air filter housing
 - Twin paper element, each of 3 micron with an efficiency of 99%
 - Secondary filter element to improve filtration
 - For pre-cleaning on the air cleaner to separate heavy particles and avoid clogging of paper element
 - Service indicator – indicating filter service need
 - Rubber coupling connecting air filter to the intake valve
- Normally closed type intake valve with integrated blow down and solenoid control valve

➤ **Compression System:**

- Highly efficient axis airend with η -v profile rotors

➤ **Air/Oil Separation System:**

- Receiver tank incorporating OSBIC principle mounted on the base frame
- Oil filling port
- Oil drain with valve
- Pressure relief valve
- Oil level – float type indicator
- Spin-on air-oil separator element (EV11 - EV22) / Cartridge type air-oil-separator element (EV30 – EV45)
- Minimum pressure valve

➤ **Cooling System:**

- High ambient oil cooler for low operating temperature
- High efficiency after-cooler for low approach temperature
- Cooling fan with integrated motor

➤ **Lubrication System:**

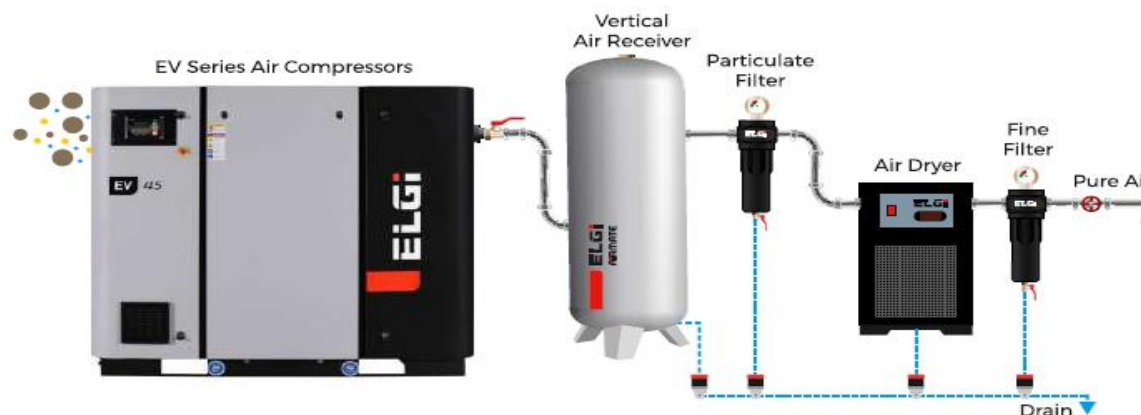
- High capacity spin-on oil-filter element with 10 micron rating
- Return oil line from separator tank to airend.
- Rigid pipe connections for long life and leak-free operation

➤ **Controls System:**

- Neuron XT controller
- Pressure transducer
- Temperature sensor

*** Due to continuous engineering improvements, features are subject to change without prior notice.
Product image shown are representative and may not match exactly with the actual product.*

OIL-LUBRICATED COMPRESSED AIR SUPPLY



PRICE SCHEDULE:

SCREW AIR COMPRESSOR PACKAGE – STANDARD:

S.No	Description	Model	Specs	Qty	Total Basic Price INR
1	Screw Air Compressor	EV-D 30-10	165 Cfm, Working Pressure 9.5 Kg/Cm2	1	8,00,000 Eight Lacs Rupees.
2	Vertical Air Receiver	VAR 1000 Ltrs / 10 Kg	1000 Ltrs	1	
3	Refrigerated Air Dryer	ELRD300AC	200 Cfm	1	
4	Particulate Filter	PFE235	235 Cfm	1	
5	Fine Filter	FFE235	235 Cfm	1	
DISCOUNTED PACKAGE BASIC PRICE				5	

TERMS & CONDITIONS

- The above prices are for supplies on Ex-Works Coimbatore.
- Packing and Forwarding shall be extra @ 3% on the basic value of the order- **NILL**
- This sale will attract GST at the rates prevailing on the date of dispatch. The present prevailing rate are : CGST / IGST / SGST (as applicable) @ 18% on Compressor, Receiver, Dryer & Filters -
- **Freight shall be EXTRA at actual & to be paid directly to the transporter along with LR for taking receipt of material. The transporter shall be arranged either by the purchaser or by ELGi. Any preference of transporter needs to be informed to the factory at least 5 days in advance of the shipment date.**
- Transit Insurance shall be arranged by the Purchaser. ELGi shall notify the concerned regarding the dispatch details that will enable arrange Insurance. If purchaser already has insurance, it shall be indicated at least 5 days before scheduled shipment date.
- Statutory information: Please advise the following information in your purchase order:
 - a) GSTIN no.
- **Terms of Payment: 40% Advance with PO and Balance 60% with 100% Taxes against Proforma Invoice and before dispatch**
- Delivery: 6 - 8 Weeks Ex Works Coimbatore. This delivery shall reckon from the date of receipt of your clear and firm order with advance or date of approval of GA Drawing, whichever is applicable.
- Consignee: The consignment will be dispatched on "Selves" basis with special instruction to the transporter to door deliver the consignment against original copy of L/R.
- Supervision of erection and commissioning: ELGi shall depute trained personnel for supervision of erection and commissioning at an extra charge as per standard norms and conditions, for which we will submit a formal quote at later stage. Service Tax shall be extra as applicable.
- Validity: The offer is valid for 30 days from the date of offer

➤ Warranty:

- Parts of the compressor, unless explicitly mentioned, are warranted for a period of 12 months from the date of start-up or 18 months from the date of shipment from ELGi factory/warehouse, whichever occurs first.

Warranty is limited to repair / replace defective part against manufacturing defects only and does not extend to any consequential liability there-off.

Exclusions : Electricals (except motors and controller), rubber parts, seals, belts and consumables like Air Filter, Oil Filter, Separator Element, Lubricant and similar wear & tear parts. We are doubtless keen on associating ourselves with your organization for your requirement of compressed air systems and request, we be provided the opportunity for the Techno – Commercial discussion as per your convenience

Yours Sincerely,

Elgi Equipments Limited

Pavan Kumar E | Sr.Engineer – Channel Sales,

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