

**Specifications:****● Air compressor**

1. Oil-less type (oil-free).
2. Noise level: Less than 75 dB (A).
3. Power: Minimum 4.5HP (3.4kW) or higher.
4. Operating pressure: 8 bar or higher.
5. Voltage input: 400VAC + 10% -6%
6. Frequency input: 50Hz ± 1%
7. Air delivery: 400 L/min or higher.
8. Equipped with pressure switch with ON/OFF lever, pressure gauge, and safety pressure relief valve.
9. Air tank capacity: 110 liters or higher.
10. Quantity: Minimum 1 unit

● Air pressure provided by the air compressor must be sufficient to support a minimum of 5 bars to all pneumatic stations.**● Air compressor control panel**

1. To control the Start/stop of the air compressor and On/Off of the dryer.
2. To provide indicator light for start and stop status.
3. To provide overload and short circuit protection such as a suitable Miniature Circuit Breaker (MCB) and overload relay in the circuit.
4. The control panel will be located inside the laboratory while the compressor will be located outside of the building. All cabling works cost shall be included by the supplier.

● The air compressor shall be protected with a cage/grill and roof/awning located outside of the building.

1. The cage shall be lockable.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

2. Cage material: Steel (powder coated)
 3. Roof/awning shall be provided.
 4. A Concrete slab or a base structure shall be provided to confirm the base surface is flat horizontally.
- **Shall come with the Certificate of Fitness (Perakuan Kelayakan) endorsed/approved by the Department of Occupational Safety and Health (DOSH) Malaysia. All costs and documentation related to the application and approval shall be included by the supplier.**
 - **Piping installation to pneumatic workstation provided**
 1. Piping material is Galvanized Iron (GI) or Aluminum or Stainless steel.
 2. Piping shall be painted.
 3. Piping size: 1 - 1¼" from top cage to lab ceiling and ½ - ¾" from lab ceiling to workstation.
 4. Use flexible braided stainless steel hose for connection between air compressor to G.I piping.
 5. Minimum 1 unit Shut off valve provided for every workstation.
 6. A fitting threaded-to-tube to connect 6mm tubing for both sides of the workstation.
 - **An automatic drain valve/system shall be provided for the air compressor tank. The piping drain shall be included.**
 - **An air dryer system compatible with the air compressor shall be provided. A minimum of 2 units of line filter shall be included.**

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com