

Oxygen Generator Pre Installation Checklist

PIG-OG-001 | Installation | Intended for: Installer

Use the correct model document

Puroxi oxygen generators are supplied in different capacities, voltages and configurations. The final installation manual must match the model and serial number. Do not install a unit from a generic wiring diagram.

Information required before installation

- Model, serial number and rated oxygen output
- Nameplate voltage, frequency, phase and full-load current
- Indoor or protected installation location, ambient temperature and ventilation
- Required oxygen flow, delivery pressure and downstream equipment
- Tubing or piping material, diameter, length and fittings
- Oxygen-compatible check valves, regulators and flow measurement
- Drainage, service clearance and access for filter replacement
- Local electrical, fire and oxygen-enrichment requirements

General safety conditions

- Keep the unit clean, dry, ventilated and away from heat, flame and combustible storage.
- Never use oil, grease or non-approved sealants on oxygen-service components.
- Do not restrict the air intake or nitrogen-rich exhaust.
- Use only oxygen-compatible tubing, regulators, valves and fittings.
- Verify the intended gas connection to the Puroxi nozzle and prevent water backflow.
- A qualified electrician must complete the power connection and protective devices.

Requesting the current guide

Send Puroxi a photograph of the nameplate, model and serial number, installation country, available power, required oxygen flow and pressure, and photographs of the proposed installation location. Puroxi will provide the applicable current manual or confirm the required supplier documentation.

Safety notice: Puroxi PSA units typically produce approximately 93% +/- 3% oxygen. Exact alarms, cutoffs, air-intake requirements and service procedures are model-specific and must not be assumed.