

# Q2-5

## PSA OXYGEN CONCENTRATOR

Engineered for dependable operation, high energy efficiency, and simple day-to-day use, the Q2 Oxygen Concentrator delivers oxygen concentrations of up to 95%. Its compact, corrosion-resistant enclosure makes it suitable for a broad range of commercial and industrial applications.

|                              |           |
|------------------------------|-----------|
| Product Flow                 | 5 lpm     |
| Product Pressure             | 1 barg    |
| O <sub>2</sub> Concentration | Up to 95% |



### Features

- Self-contained system with integrated air compressor
- Corrosion-resistant GRP enclosure
- Wall-mount installation
- Advanced engineering for reliable, efficient operation
- Quick-release fittings for simplified servicing
- Optional oxygen concentration monitoring

### Typical Applications

- Jewelry / brazing / soldering
- Thermal / chemical oxidation
- Glass work / blowing
- Ozone generator feed gas
- Environmental remediation
- Wastewater / water treatment
- Fish farming / aquaculture
- Aquaponics / hydroponics
- Nano-bubble feed gas

### Technical Specifications

|                               |                              |
|-------------------------------|------------------------------|
| Dimensions (W × D × H)        | 600 × 300 × 800 mm           |
| Weight                        | 24 kg                        |
| Sound Level                   | 70 dBA                       |
| Control Power                 | 220V – 50/60 Hz              |
| Oxygen Outlet Connection      | 8 mm Pneumatic Quick Release |
| Ambient Operating Conditions  | 5 - 40°C                     |
| Protection / Enclosure Rating | IP54                         |
| Product Flow                  | 5 lpm                        |
| Product Pressure              | 1 barg                       |
| Oxygen Concentration          | Up to %95                    |
| Product Dew Point             | -70°C                        |

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## PRODUCT DATASHEET

### Enclosure Dimensions



Dimensions: 600 W x 300 D x 800 H mm

Nominal enclosure size: 800 H x 600 W x 300 D mm | Verify final production dimensions before release.

#### Ordering Information

Model / Part Number: Q2-5

Voltage / Frequency: 220V 50/60 Hz

Configuration: Standard

Notes: All performance ratings based on an ambient temperature up to 38°C, up to 300 meter elevation, and 80% relative humidity

#### Options / Accessories

**Oxygen analyzer:** Digital oxygen analyzer that could run up to 5 years without calibration requirement.

**Remote monitoring:** Optional remote monitoring capability for real-time system status, performance data, alarms, and operating parameters.

**Mounting accessories:** Wall-mounting brackets and hardware for direct wall or frame installation.