

OG Series

ARM Purification offers world class ambient operation purifier technology optimized for a wide range of flow rates.

The OG series purifiers are engineered to remove impurities from **oxygen and oxygenated gases, such as O₂, CDA, N₂O, and NO.**



OG Series Media

| Fill Material | Impurities Removed |
|---------------|--|
| OG-601 | H ₂ O |
| OG-602 | H ₂ O, CO ₂ , NMHC, Acids, Bases, Refractory Compounds |

OG Series Size

| Model Number | Diameter Inches | Length Inches | Maximum Pressure Rating (psig) | Nominal Flow Rates (slpm) | | Max Flow Rates (slpm) |
|--------------|-----------------|---------------|--------------------------------|---------------------------|----------|-----------------------|
| | | | | OG-601* | OG-602** | |
| 150330 | 1.50 | 3.30 | 250 | 1.7 | 1.4 | 2 |
| 150480 | 1.50 | 4.80 | 250 | 3.9 | 3.3 | 9.4 |
| 150500 | 1.50 | 5.00 | 250 | 4.2 | 3.7 | 10.1 |
| 200630 | 2.00 | 6.30 | 250 | 11.2 | 10.5 | 30 |
| 200820 | 2.00 | 8.20 | 250 | 16.4 | 15.4 | 45 |
| 200880 | 2.00 | 8.80 | 250 | 18.1 | 16.9 | 49 |
| 251250 | 2.50 | 12.50 | 250 | 45 | 43 | 100 |
| 300794 | 3.00 | 7.94 | 200 | 34 | 32 | 80 |
| 300820 | 3.00 | 8.20 | 200 | 36 | 42 | 80 |
| 301000 | 3.00 | 10.00 | 200 | 47 | 44 | 105 |
| 301820 | 3.00 | 18.20 | 200 | 101 | 87 | 200 |
| 401760 | 4.00 | 17.60 | 200 | 170 | 185 | 500 |
| 402000 | 4.00 | 20.00 | 200 | 190 | 225 | 560 |
| 403510 | 4.00 | 35.10 | 200 | 360 | 395 | 600 |
| 602760 | 6.00 | 27.60 | 150 | 625 | 685 | 1000 |
| 603934 | 6.00 | 39.34 | 150 | 920 | 1010 | 1440 |
| 605100 | 6.00 | 51.00 | 150 | 1220 | 1335 | 2000 |

* based on 3 ppm H₂O

** based on 1 ppm H₂O

The OG series is designed for high and ultra high purity applications that require process gas impurity levels of 100 PPT or less.

KEY FEATURES

- 316L stainless filtration media
- 1.5nm outlet filtration
- 316L stainless steel fiber media
- Simple installation
- CE certification available

OPERATING CONDITIONS

- Typical operating temperature range of 0°C–50°C (32°F–122°F)
- Max operating temperature of 50°C (122°F)
- Nominal flow rate of 1.4 slpm to 1335 slpm (depending on vessel size)

ORDERING INFORMATION

Example: Oxygen/CDA Purifier



Class

OG = Oxygen/Oxygenated Gas

Fill

See OG Series Media chart for details.

Size

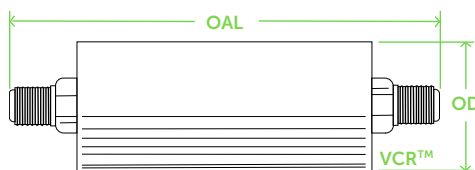
First two digits are the diameter (OD); Last four digits are the length (OAL) in inches.

Fittings

V04=1/4" V12=3/4"
V08=1/2" V16=1"

Filtration

No letter = .1 micron filter
F = 1.5nm filter



DON'T SEE WHAT YOU NEED?

Speak to our team about your requirements and we can work with you to identify the purifier solution best suited for your application.

Place an Order

orders@appliedenergysystems.com

Contact your ARM Purification sales rep or visit armpurification.com/request-quote/

 **ARM PURIFICATION**
BY APPLIED ENERGY SYSTEMS

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 **APPLIED ENERGY SYSTEMS**

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