

# AG Series

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

The AG series purifiers are engineered to remove impurities from **acid and corrosive gases, such as Cl<sub>2</sub>, HCl, HBr, and BCl<sub>3</sub>.**



## AG Series Media

Fill Material	Impurities Removed
AG-301	H <sub>2</sub> O

## AG Series Size

Model	Diameter	Length	Maximum Pressure	Nominal Flow Rates (slpm)	Max Flow Rates (slpm)
Number	Inches	Inches	Rating (psig)	AG-301*	
150330	1.50	3.30	250	0.7	2
150480	1.50	4.80	250	1.5	9.4
150500	1.50	5.00	250	1.6	10.1
200630	2.00	6.30	250	4.2	30
200820	2.00	8.20	250	6.2	45
200880	2.00	8.80	250	6.8	49
251250	2.50	12.50	250	17	100
300794	3.00	7.94	200	13	80
300820	3.00	8.20	200	14	80
301000	3.00	10.00	200	18	105
301820	3.00	18.20	200	ask factory	200
401760	4.00	17.60	200	ask factory	500
402000	4.00	20.00	200	ask factory	560
403510	4.00	35.10	200	ask factory	600
602760	6.00	27.60	150	ask factory	1000
603934	6.00	39.34	150	ask factory	1440
605100	6.00	51.00	150	ask factory	2000

\*based on 1 ppm H<sub>2</sub>O

The AG series is designed for high and ultra high purity applications that require process gas impurity levels of 1 PPB 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 0.7 slpm to 18 slpm or higher

### ORDERING INFORMATION

Example: Acid Gas Purifier



#### Class

AG = Acid/Corrosive Gas

#### Fill

See AG Series Media chart for details.

#### Size

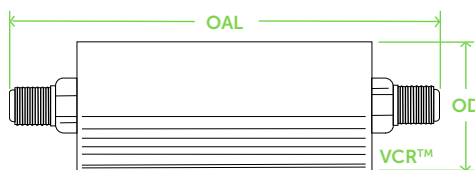
First two digits are the diameter (OD); Last four digits are the length (OAL) in inches.

#### 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](mailto:orders@appliedenergysystems.com)

Contact your ARM Purification sales rep or visit [armpurification.com/request-quote/](http://armpurification.com/request-quote/)

 **ARM PURIFICATION**  
BY APPLIED ENERGY SYSTEMS

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 **APPLIED ENERGY SYSTEMS**

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