

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 Cl₂, HCl, HBr, and BCl₃.**



AG Series Media

Fill Material	Gas Purified	Impurities Removed	Outlet Purity	Factory Regenerable	Dangerous Goods	Lifetime of 1 year based on inlet challenge
AG-301	Any Acid Gas	H ₂ O	1 < ppb	no	no	1 ppm H ₂ O
AG-302	HCl & Cl ₂	H ₂ O & Metals	1 < ppb	no	no	1 ppm H ₂ O
AG-303	HBr	H ₂ O	1 < ppb	no	no	1 ppm H ₂ O

AG Series Size

Model Number	Standard Fitting*	Diameter Inches	Length Inches	Maximum Pressure Rating (psig)	Nominal Flow Rates (slpm)			Max Flow Rates (slpm)
	Inches				AG-301	AG-302	AG-303	
100330	1/4" MVCR (V04)	1.00	3.30	250	0.3	0.6	0.3	1
150330	1/4" MVCR (V04)	1.50	3.30	250	0.7	1.3	0.8	2
150450	1/4" MVCR (V04)	1.50	4.50	250	1.5	2.9	1.6	8.3
150480	1/4" MVCR (V04)	1.50	4.80	250	1.7	2.9	1.6	9.4
150500	1/4" MVCR (V04)	1.50	5.00	250	1.8	3.5	2	10
200630	1/4" MVCR (V04)	2.00	6.30	250	4.9	9.5	5.4	30
200820	1/4" MVCR (V04)	2.00	8.20	250	7.1	13.9	8	45
200880	1/4" MVCR (V04)	2.00	8.80	250	7.8	15.3	8.8	49
251250	1/4" MVCR (V04)	2.50	12.50	250	20	Contact Factory	Contact Factory	100
300790	1/2" MVCR (V08)	3.00	7.90	200	15	Contact Factory	Contact Factory	80
300794	1/2" MVCR (V08)	3.00	7.94	200	15	Contact Factory	Contact Factory	80
301000	1/2" MVCR (V08)	3.00	10.00	200	20	Contact Factory	Contact Factory	105
301820	1/2" MVCR (V08)	3.00	18.20	200	44	Contact Factory	Contact Factory	200
401730	1/2" MVCR (V08)	4.00	17.30	200	69	Contact Factory	Contact Factory	500
401760	1/2" MVCR (V08)	4.00	17.60	200	69	Contact Factory	Contact Factory	500
402000	1/2" MVCR (V08)	4.00	20.00	200	82	Contact Factory	Contact Factory	560
403090	1/2" MVCR (V08)	4.00	30.90	200	137	Contact Factory	Contact Factory	600
602760	1/2" MVCR (V08)	6.00	27.60	150	275	Contact Factory	Contact Factory	1000

*Optional fitting sizes may be available; please consult factory.

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)

ORDERING INFORMATION

Example: Acid Gas Purifier



Class

AG = Acid/Corrosive Gas

Fill

See AG Series Media chart for details.

Size

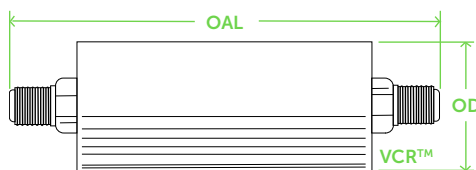
First two digits are the diameter (OD); Last four digits are the length (OAL) in inches.

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

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

 **ARM PURIFICATION**
BY APPLIED ENERGY SYSTEMS

BROUGHT TO YOU BY

 **APPLIED ENERGY SYSTEMS**

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