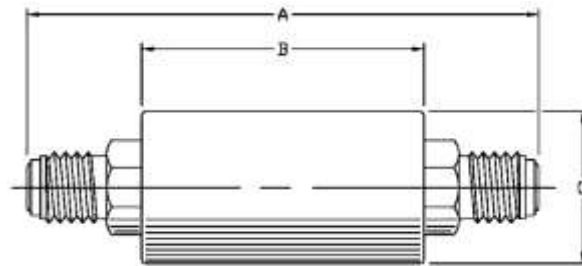


POU "C" INERT GAS PURIFIER

- Filter Purifier combination to 0.003µm particle filtration
- Sub-ppb removal of impurities from Gases
- Room Temperature Operation
- 316L SS <10Ra EP wetted surface finish
- Factory regeneration for up to 10 year life
- Improved process equipment performance
- High Flow CR Model
- Low cost of ownership

This Ultra Pure Gas Purifier reduce gaseous impurities (CO, CO₂, H₂, H₂O, O₂, and NMHC) to sub ppb levels from any inert gas - Nitrogen, Argon, Helium, Krypton, Neon, and Xenon. The ultra pure purifier offers critical impurity removal to <1-ppb. Standard range (0-300 slpm) is available with integral particle filter.



Model	A in(mm)	B in(mm)	C in(mm)	Average Flows	Max Flow FP**	Max Flow CR**
050C	3.3" (84)	1.5" (38)	1" (25.4)	0.3	1.5	4.5
125C	3.3" (84)	1.5" (38)	1.5" (38)	0.8	4	12
250C	4.8" (122)	3.0" (76)	1.5" (38)	2	10	30
600C	6.3" (160)	4.5" (114)	2" (51)	6	30	90
01KC	8.8" (224)	7.0" (178)	2" (51)	10	50	150
02KC	12.5" (317)	10.7" (272)	2.5" (64)	20	100	300

Flow = slpm, **@150 psig.

Gas	Filter	Impurities Removed						Particles
Inert or Nitrogen	FP							< 1 pcf @ 0.003 µm
	CR	CO	CO ₂	H ₂	H ₂ O	NMHC	O ₂	1.5 µm

Specifications;

Maximum Pressure: 250 psig / 17.23 bars	Materials: 316L SS < 10 Ra Max
Operating Temp.: Room Temperature to 60°C	Fittings: ¼" MVCR, ¼" SWG, ¼" Tube stub
Leak Rate: < 2 x 10 ⁻⁹ atm cc/sec He	Gas Inlet: VLSI grade (99.9995% nominal)

Ordering Information:

Purifier Part Number - P/N: 01KC - V04 - I - FP - I - P
 Model - Connection - Gas - Filtration - Isolation Valve - Panel Mount
 I = Inlet or BLANK
 IO = Inlet/Outlet or BLANK

AVAILABLE OPTIONS

- ✓ Panel mounting
- ✓ Factory Regeneration
- ✓ Isolation Valves
- ✓ Pressure Relief Valve