

# GUARDIAN SPIN CLEAN

## Features:

- 316L Stainless Steel
- 1/4" And 1/2" Ports Available
- Maximum Pressure 1500 PSIG

## Applications:

- Protect Liquid And Vapor Analyzers From Small Particles
- Remove Iron Sulfide Particles
- Ideal For Control Sample Applications



The Guardian Spin Clean is based upon our proprietary design of the Guardian Membrane Series. This user friendly design makes infield serviceability a snap.

Since all of the connections are on one side of the filter, no fittings need to be removed to replace the stainless steel disc. The inlet port is angled to create the spinning action which helps extend the life between change out. Six different grades of filtration are available: 0.5, 2, 5, 10, 25, 50 micron.

### STANDARD MEMBRANE MODELS

Stainless Steel Housing Model	SC207.221.□	SC207.421.□	SC207.441.□
Inlet / Outlet (NPT)	1/4"	1/2"	1/2"
Sample Port (NPT)	1/4"	1/4"	1/2"
Maximum Pressure (psig)	1500	1500	1500
Maximum Temperature (°F)	410	410	410
Internal Volume	20	20	20
Principle Dimensions: (inch)			
Center of Port to Back	0.63	0.63	0.63
Body Diameter	3.94	3.94	3.94
Body Depth	2.02	2.02	2.02
Space Required to Remove Cap	1.70	1.70	1.70
Stainless Steel Disc (1)	FDSC207.□	FDSC207.□	FDSC207.□
Materials Of Construction: (2)			
Head, Bowl & Internals	316LSS	316LSS	316LSS
Seals (Standard)	Viton	Viton	Viton
Accessories:			
Buna-N Seal Set	BNSC207	BNSC207	BNSC207
EPDM Seal Set	GESCC207	GESCC207	GESCC207
Kalrez Seal Set	KZSC207	KZSC207	KZSC207
Viton Seal Set (Standard)	GVSC207	GVSC207	GVSC207
Mounting Bracket	MBSC207	MBSC207	MBSC207

Notes: (1) Add micron rating required, e.g. FDSC207-02, FDSC207-10, FDSC207-25, and FDSC207-50  
 (2) Material abbreviations: 316L=316L Stainless Steel

SC207 Flow Rates	Inlet Flow (LPM) (Port 1)	Outlet Sample Flow (LPM) (Port 2)	Bypass Flow (LPM) (Port 3)	Filter Differential Pressure Across Ports 1 and 2 (PSID)
Empty Housing	3.78	1.89	1.89	0.22
	11.17	5.68	5.49	1.82
	18.56	9.46	9.10	4.32
5 Micron	3.84	1.89	1.95	0.27
	11.40	5.68	5.72	2.14
	18.97	9.46	9.51	5.60
50 Micron	3.86	1.89	1.97	0.26
	11.43	5.68	5.75	2.07
	19.04	9.46	9.58	5.40

Stamped Ports	Number
Inlet	1
Clean / Sample	2
Outlet	3



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Partner of Headline Filters

**GS207-2**