

**SHEFFIELD SEPARATOR MODEL SS1200  
SPECIFICATIONS 0309**

MAXIMUM PRESSURE: 2,000 PSIG

MAXIMUM FLOW RATE:

GAS: 40 SCFM w/ 100 psig  
LIQUID: 11 GPM w/ 100 psig

MINIMUM FLOW RATE:

GAS: 1.5 SCFH  
LIQUID: 2.5 GPH

OPTIMUM FLOW RATE:

GAS:	First Chamber Exit:	Full or Partial Flow
	Second Chamber Exit:	2 - 5 SCFH
LIQUID:	First Chamber Exit:	Full or Partial Flow
	Second Chamber Exit:	3 - 6 GPH

MAXIMUM TEMPERATURE: 300° F (149° C)

PRESSURE DROP: 2 PSIG (Approximate)

MATERIALS OF CONSTRUCTION: 316L Stainless Steel (Carbon content .019)  
Other Materials Available Upon Request

DIMENSIONS: 1.5" X 3" X 11.5"

INTERNAL VOLUME: 55 cu. cm.

INLET: 3/8" Tubing (3/4" NPT-F)

OUTLET TO ANALYZER: 1/8" Tubing (1/8" NPT-F)

OUTLET TO RETURN: 1/2" Tubing (1 1/16" Straight -SAE 12)  
(3" Min. Straight Run)

**OTHER MODELS AVAILABLE WITH VARYING SPECIFICATIONS**

**SERIES 1200:**

SS1200 GF: 12" Sheffield Kinetic Separator for gas service with hydrophobic filter.  
SS1200LF: 12" Sheffield Kinetic Separator for liquid service with hydrophobic filter.  
SS1200LF-H2O: 12" Sheffield Kinetic Separator for removal of water from liquid hydrocarbon  
SS1200PT: 12" Sheffield Kinetic Separator for removal of particulate in gas or liquid  
SS1200G: 12" Sheffield Kinetic Separator for gas service with mist catcher

**SERIES 300:**

SS300: 3" Dual Sheffield Kinetic Filter Housing with 2 – 2 1/4" filters in series and condensable removal

**SERIES 700:**

SS700GF: 7" Sheffield Kinetic Separator for gas service with 2 – 6" hydrophobic filter  
SS700LF: 7" Sheffield Kinetic Separator for liquid service with 2 – 6" hydrophobic filter