

Liquid Filtration Sizing Data Sheet

1. APPLICATION

2. OPERATING CONDITIONS AT POINT OF INSTALLATION:

(A) PRODUCT: _____ **(B) SPECIFIC GRAVITY OR DENSITY:** _____ **(C) FLOW RATE:** _____ GPM
(D) TEMPERATURE: _____ °F **(E) PRESSURE:** _____ PSIG **(F) VISCOSITY:** _____ SSU CS CP @ _____ °F AND SSU CS CP @ _____ °F
(G) CONTAMINANTS: _____ SOLIDS _____ (%Wt) (%Vol) **(H) DESCRIPTION OF SOLIDS:** _____
(I) PREVAILING PARTICLE SIZE RANGE: _____ PARTS PER MILLION **(J) DESCRIPTION OF LIQUID:** _____
(K) pH OF LIQUID OR PRODUCT: _____ **TYPE AND % OF CONCENTRATION:** _____

3. REQUIRED PERFORMANCE EFFICIENCY:

(A) DESIRED PARTICLE RETENTION (MICRON): _____ **(B) MAX. ALLOWABLE INITIAL PRESSURE DROP:** _____ PSID (CLEAN ELEMENTS)

4. MECHANICAL DESIGN CONDITIONS: SINGLE: DUPLEX:

(A) DESIGN PRESSURE: _____ PSIG **(B) DESIGN TEMP:** _____ °F **(C) CORROSION ALLOWANCE**
(D) ASME CODE CONSTRUCTION: _____ ASME STAMP? YES NO OTHER :
(E) FLOW RATE: _____ GPM **(F) MATERIALS OF CONSTRUCTION:**
(G) INLET AND OUTLET CONNECTIONS: _____ SIZE: _____ FLANGED: _____ FLANGE TYPE: _____
 FEMALE NPT: _____ OTHER: _____
(H) OTHER CONNECTIONS ON VESSEL: **(I) SPECIAL DESIGN FEATURES:** _____

Connection For	Size	Flanged	Threaded
Pressure Gauge			
Vent			
Relief Valve			
Drain			

SPACE LIMITATION?:
 HEIGHT LIMITATION?:

5. MECHANICAL DESIGN CONDITIONS:

(A) DIFFERENTIAL PRESSURE GAUGE?:
 DIRECT READING? _____ NON-DIRECT READING? _____
(B) MANUAL VENT VALVE? _____
(C) INTERNAL RELIEF VALVE? _____
(D) PRESSURE RELIEF VALVE? _____
(E) MANUAL DRAIN VALVE? _____
(F) INTERNAL EPOXY COATING? _____
(G) AIR ELIMINATOR? _____
(H) COVER LIFTING DEVICE? _____

6. REMARKS

MODEL NUMBER:
 DRAWING NUMBER:

INSTRUCTIONS

SUBMIT QUOTATION TO: _____ CUSTOMER REPRESENTATIVE
 CUSTOMER: _____ REPRESENTATIVE: _____