



# THE CARY COMPANY

## PACKAGING & FILTRATION DIVISION

1195 W. FULLERTON • ADDISON, IL • 60101  
 PHONE: 630-376-2400 • FAX: 630-376-2401

[www.thecarycompany.com/Main.html](http://www.thecarycompany.com/Main.html)  
LIQUID FILTRATION SIZING DATA SHEET

Date \_\_\_\_\_

1. APPLICATION: \_\_\_\_\_

2. OPERATING CONDITIONS AT POINT OF INSTALLATION:

- (A) Product: \_\_\_\_\_ (B) Specific Gravity or Density: \_\_\_\_\_  
 (C) Flow Rate: \_\_\_\_\_ GPM (D) Temp. \_\_\_\_\_ °F. (E) Pressure \_\_\_\_\_ PSIG  
 (F) Viscosity \_\_\_\_\_ SSU CS CP @ \_\_\_\_\_ °F. and \_\_\_\_\_ SSU CS CP @ \_\_\_\_\_ °F.  
 (G) Contaminants: Solids \_\_\_\_\_ (% Wt) (% Vol)  
 (Parts Per Million)  
 (H) Description of Solids: \_\_\_\_\_  
 (I) Prevailing Particle Size Range: \_\_\_\_\_  
 (J) Description of Liquid: \_\_\_\_\_  
 (K) pH of Liquid or Product: \_\_\_\_\_ Type & % of Concentration: \_\_\_\_\_

3. REQUIRED PERFORMANCE EFFICIENCY: (A) Desired Particle Retention (Micron): \_\_\_\_\_

(B) Maximum 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 & Outlet Connections: Size: \_\_\_\_\_ Flanged: \_\_\_\_\_ Flange Type: \_\_\_\_\_  
 Female NPT: \_\_\_\_\_ Other: \_\_\_\_\_

(H) Other Connections on Vessel:

Connection For	Size	Flanged	Threaded
Pressure Gauge	_____	_____	_____
Vent	_____	_____	_____
Relief Valve	_____	_____	_____
Drain	_____	_____	_____

- (I) Special Design Features: \_\_\_\_\_  
 Space Limitation? \_\_\_\_\_, Height Limitation \_\_\_\_\_

5. ACCESSORY ITEMS:

- (A) Differential Pressure Gauge? \_\_\_\_\_ Direct Reading? \_\_\_\_\_ Non-Direct Reading? \_\_\_\_\_  
 (B) Manual Vent Valve? \_\_\_\_\_ (E) Manual Drain Valves? \_\_\_\_\_ (H) Cover Lifting Device? \_\_\_\_\_  
 (C) Internal Relief Valve? \_\_\_\_\_ (F) Internal Epoxy Coating? \_\_\_\_\_  
 (D) Pressure Relief Valve? \_\_\_\_\_ (G) Air Eliminator? \_\_\_\_\_

6. REMARKS: \_\_\_\_\_

Model Number: \_\_\_\_\_  
 Drawing Number: \_\_\_\_\_

INSTRUCTIONS: Submit Quotation to: Customer \_\_\_\_\_ Representative \_\_\_\_\_  
 Customer \_\_\_\_\_ Representative \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_