

## Application Data Sheet for Liquid Filtration

### Customer Information

Company : \_\_\_\_\_ Contact Person : \_\_\_\_\_  
Address : \_\_\_\_\_ Phone : \_\_\_\_\_  
City : \_\_\_\_\_ Fax : \_\_\_\_\_  
State/Prov : \_\_\_\_\_ Zip/Post Code : \_\_\_\_\_ Email : \_\_\_\_\_  
Country : \_\_\_\_\_

### Process Parameters

Application : \_\_\_\_\_  
Liquid(s) to be filtered : \_\_\_\_\_ PH Level(s) (if available) : \_\_\_\_\_  
Process :  Batch  Continuous  
Batch Volume : \_\_\_\_\_  
Viscosity : \_\_\_\_\_ @ Temp. (°F) : \_\_\_\_\_ Specific Gravity : \_\_\_\_\_ @ Temp. (°F) : \_\_\_\_\_  
Flow Rate (USGPM) : ..... Oper : \_\_\_\_\_ Max : \_\_\_\_\_ Min : \_\_\_\_\_  
Pressure (psi) ..... Oper : \_\_\_\_\_ Design : \_\_\_\_\_  
Temp. (°F) ..... Oper : \_\_\_\_\_ Design : \_\_\_\_\_  
Allowable Pressure Drop Across Filter (psi) : \_\_\_\_\_  
Can flow be interrupted to change basket?  Yes  No  
Description of Solids : \_\_\_\_\_  
Particle Size : microns : \_\_\_\_\_ inches : \_\_\_\_\_  
Type of Basket :  Mesh  Perforated  Wege Wire

### Equipment Design Details

Type of Filtration Equipment :  Single Bag Filter  Manual Basket Strainer  Multi-Bag Filter  
 Automatic Strainer  Y Strainer  Tee Strainer  
 Cone Strainer  Cast Strainer  Strainer Skid Package

Inlet/Outlet Configuration :  In Line  Top In/Bottom Out  Top In/Side Out  
 Side In/Side Out  Side In/ Bottom Out

Configuration :  Simplex  Duplex

Material of Construction

Inlet Size (in) : \_\_\_\_\_

Vessel Material :  Carbon Steel  304SS  316SS  Monel 400  
 Hastalloy  Duplex Stainless  Super duplex Stainless  Alloy 20  
 Other : \_\_\_\_\_

Screen or Basket :  304SS  316SS  Monel 400  Hastalloy  
 Alloy 20  Duplex Stainless  Super duplex Stainless  
 Other : \_\_\_\_\_

Bag :  PE/PP  NO  AC  OA  
 SEM  Other : \_\_\_\_\_

## Equipment Design Details (cont'd)

Inlet/Outlet :  Flanged  Socket Weld  Butt weld  RF  FF  
 Other : \_\_\_\_\_  
 ANSI 150#  ANSI 300#  ANSI 600#  
 Other : \_\_\_\_\_  
 NPT  
 Other : \_\_\_\_\_

Gasket/O-Ring Material :

Neoprene  Viton  Teflon  Buna N  
 Other : \_\_\_\_\_

Coatings/Paint : External :  No  Yes Specify : \_\_\_\_\_  
Internal :  No  Yes Specify : \_\_\_\_\_

Electrical Requirements :

Motor :  120V/1ph/60Hz/TEFC  
 460V/3ph/60Hz/TEFC  
 575V/3ph/60Hz/TEFC

Class :  NEMA 4  NEMA 4X  
 NEMA 7/9  
 Other : \_\_\_\_\_

Backwash Actuator :  Electric  
 Pneumatic

Backwash Valve : \_\_\_\_\_

Differential Pressure Switch : \_\_\_\_\_

Options :  Quick-Opening Cover (spring assist)  
 Davit Arm Assembly  Steam Jacket

Design Code :  Best Eng. Practice  ASME U Stamp  
 ASME Design  CRN  
 Other : \_\_\_\_\_

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**SAB Filter**  
**7524 Bath Road**  
**Mississauga ON L4T 1L2**  
**Canada**  
**Tel/Fax : 905-673-0002**