



# Filter Application Specification Sheet

**Complete and Submit for Application Assistance or With Formal Inquiry**

## Product Selection Data

Distributor Name \_\_\_\_\_ Location \_\_\_\_\_

Contact \_\_\_\_\_

### Customer Information

Customer \_\_\_\_\_ Location \_\_\_\_\_

Contact \_\_\_\_\_ Title \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

### Process Data

Fluid \_\_\_\_\_ pH \_\_\_\_\_ Concentration \_\_\_\_\_ %

Viscosity \_\_\_\_\_  CP  CKS  Other \_\_\_\_\_

Specific Gravity \_\_\_\_\_ Density \_\_\_\_\_ lb/ft<sup>3</sup> \_\_\_\_\_ kg/m<sup>3</sup> \_\_\_\_\_

Process Service: hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/year \_\_\_\_\_

Flow Rate \_\_\_\_\_  USGPM  L/Min  M<sup>3</sup>/Hr

Operating Pressure \_\_\_\_\_ (psig) Operating Temperature \_\_\_\_\_  1/2F  1/2C

Maximum Differential Clean \_\_\_\_\_ psid Maximum Differential Dirty \_\_\_\_\_ psid

Description of Contaminant \_\_\_\_\_ Particle Size Distribution \_\_\_\_\_

Total Solids (ppm) \_\_\_\_\_ Micrometer Rating \_\_\_\_\_ Removal Efficiency \_\_\_\_\_ Beta Ratio \_\_\_\_\_

Spent Media Disposal:  Non-Hazardous  Hazardous  Other \_\_\_\_\_

Is fluid currently being filtered?  Yes  No If yes, what type of filter: \_\_\_\_\_

### Media

- Abso-Mate
- Poly-Mate
- PXD
- MBC
- Membrane
- Advantage
- PCC/PCG
- Flo-Pac+
- Flo-Pac
- ProBond
- XTL
- Wound
- XLH Bag
- Standard Bag
- Mesh Strainer

### Cartridge Dimensions (inches)

Length \_\_\_\_\_  
I.D. \_\_\_\_\_  
O.D. \_\_\_\_\_  
Qty. Required \_\_\_\_\_

### Core Material

- Polypropylene
- Glass filled polypro
- Tinned steel
- 304 stainless steel
- 316 stainless steel

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Process Filtration Division



## Product Selection Data

### Housing Design Description:

Model: \_\_\_\_\_

Customer Equipment Number: \_\_\_\_\_

Filter Media: \_\_\_\_\_ Qty \_\_\_\_\_  Cartridges  Bags  Part Number or Length \_\_\_\_\_

Design Pressure: \_\_\_\_\_  PSIG  BARG  kg/cm2  mPa

Design Temperature: \_\_\_\_\_  1/2  1/6

Corrosion Allowance<sup>1</sup>:  1/16 Inch  1/8 Inch  Other \_\_\_\_\_

Radiography:  Spot  100%  Other \_\_\_\_\_

Design Standard: ASME Code Section VIII with  U  UM  Non-Code

Body Material:  Carbon steel  304SS  304L SS  316  316L SS  Other \_\_\_\_\_

Closure Gasket<sup>2</sup>:  O-Ring  Flat Type  Other \_\_\_\_\_  Gasket Material \_\_\_\_\_

Closure Bolts<sup>3</sup>:  Carbon Steel  Stainless Steel  Swing Bolt  Through Bolt

Cartridge Seal Type<sup>4</sup>:  Knife Edge  O-Ring  Standpipe  Other \_\_\_\_\_

Coverlift<sup>5</sup>:  Mechanical  Hydraulic  Carbon Steel  Stainless Steel

Inlet/Outlet<sup>6,7</sup>: (2) \_\_\_\_\_ inch \_\_\_\_\_ lb.  NPT Coupling  RFSO  RFWN  Other \_\_\_\_\_

Clean Drain<sup>8</sup>: (1) \_\_\_\_\_ inch \_\_\_\_\_ lb.  NPT Coupling  RFSO  RFWN  Other \_\_\_\_\_

Dirty Drain<sup>8</sup>: (1) \_\_\_\_\_ inch \_\_\_\_\_ lb.  NPT Coupling  RFSO  RFWN  Other \_\_\_\_\_

Vent<sup>8</sup>: (1) \_\_\_\_\_ inch \_\_\_\_\_ lb.  NPT Coupling  RFSO  RFWN  Other \_\_\_\_\_

Gauge Connections<sup>8</sup>: (2) \_\_\_\_\_ inch \_\_\_\_\_ lb.  NPT Coupling  RFSO  RFWN  Other \_\_\_\_\_

Other<sup>8</sup>: ( ) \_\_\_\_\_ inch \_\_\_\_\_ lb.  NPT Coupling  RFSO  RFWN  Other \_\_\_\_\_

### Other Requirements:

- Sand/Glassbead Blast  Paint:  Standard  Special \_\_\_\_\_
- Customer Inspection<sup>9</sup>  Approval Required<sup>9</sup>
- Customer Specs\*\*  Proposal Drawing

### Special Requirements:

- Duplex Assembly<sup>10</sup>  Full Penetration Welds\*\*
- Seal Weld External Attachments\*\*  Ground Lugs\*\*
- Lift Lugs\*\*  Special Documents Required<sup>9</sup>
- Stamp Nameplate with  P.O. #  Equipment# \_\_\_\_\_
- Customer Supplied Components:  Nameplate  Valves  Other \_\_\_\_\_

### Design Specifications:

\*\* If applicable, complete Form C-1100A Design Description

1. See price book bulletin PL-3150 for corrosion allowance price adders.
2. See price book bulletin PL-3150 for optional O-ring materials and price adders.
3. See price book bulletin PL-3150 for stainless steel bolting.
4. See price book bulletin PL-3150 for TC style cartridge and section P for stainless steel V-posts in carbon steel housings.
5. See price book bulletin PL-3150 for hydraulic coverlift adders.
6. See price book bulletin PL-3150 for size changes and weld neck nozzles.
7. See price book bulletin PL-3150 for nozzle orientation changes.
8. See price book bulletin PL-3150 to convert threaded connections to slip on or weld neck flanges.
9. See price book bulletin PL-3152 for inspection charge and document charge.
10. See price book bulletin PL-3150 for duplex assembly with valve.

## Process Filtration Division





# Filter Application Specification Sheet Addendum

**Complete and Submit with Inquiry and specifications**

*Product Selection Data*

Distributor Name \_\_\_\_\_ Location \_\_\_\_\_

Contact \_\_\_\_\_

### Customer Information

Customer \_\_\_\_\_ Location \_\_\_\_\_

Contact \_\_\_\_\_ Title \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

Design Specifications (list) \_\_\_\_\_

\_\_\_\_\_

Model: \_\_\_\_\_

### Information to be Added to Drawings

- Drawings to include  P.O. #  Equipment #  Other \_\_\_\_\_
- MAWP \_\_\_\_\_
- Cartridge information: ( ) \_\_\_\_\_
- Special features: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

### Design Details

### Comments

- ( )" Minimum shell thickness including/excluding corrosion allowance \_\_\_\_\_
- Minimum nozzle schedule \_\_\_\_\_ including/excluding corrosion allowance \_\_\_\_\_
- Corrosion allowance for shell and heads \_\_\_\_\_, nozzles \_\_\_\_\_
- Corrosion allowance to be added to both side of internal parts \_\_\_\_\_
- Nozzles cannot limit MAWP \_\_\_\_\_
- Nozzle reinforcement limitations per (spec. paragraph) \_\_\_\_\_
- Minimum nozzle projection \_\_\_\_\_
- MAWP to be calculated and stamped on nameplate \_\_\_\_\_
- Full penetration weld nozzle to shell \_\_\_\_\_
- Full penetration weld bottom head to shell \_\_\_\_\_
- Seal weld external attachments \_\_\_\_\_
- Seal weld internal attachments \_\_\_\_\_
- Weld process restrictions per (spec. paragraph) \_\_\_\_\_
- Post weld heat treat \_\_\_\_\_
- Attachments required:  Lifting Lugs  Ground Lugs  Insulation Support Ring
- Restricted vendors:  USA  Specific List Per \_\_\_\_\_

**Process Filtration Division**



## Product Selection Data

### Design Description (continued):

Model: \_\_\_\_\_

### Inspection:

Owner inspection required. Contact:  
Phone Number: \_\_\_\_\_  
Fax Number: \_\_\_\_\_

( \_\_\_\_ ) days prior to start of: \_\_\_\_\_  
 fabrication  
 hydrotest  
 final inspection prior to ship  
 see customer inspection plan attached

#### Nondestructive examinations:

Hardness tests of production welds per (spec. or paragraph) \_\_\_\_\_  
 Dye penetrant tests per (spec. or paragraph) \_\_\_\_\_  
 Radiograph per (spec. or paragraph) \_\_\_\_\_  Spot radiograph "T" joint plus \_\_\_\_\_  Full radiograph  
 Ultrasound test per (spec. or paragraph) \_\_\_\_\_  
 Positive material identification required  
 Ferrite testing required  
 Hydrotest per  UG99B  UG99C  
 water  Oil  
 time period  
 chart required

### Special Marking and Packaging:

#### Marking:

Stencil 1" black letters on filter body with:

P.O. #  Item #  Other \_\_\_\_\_  
 "Post weld heat treated. No welding permitted"  
 North "N" location per drawing

#### Packaging:

Filter media to be installed prior to shipment  
 Flange faces to be covered with:  
 Standard plastic inserts  \_\_\_\_\_" thick wood covers with four nuts and bolts  
 \_\_\_\_\_" thick metal covers with four nuts and bolts  
 \_\_\_\_\_" thick neoprene gaskets required under flange covers  
 Special cleaning required per specification  
 \_\_\_\_\_ Desiccant bags to be installed  
 Fill with dry nitrogen to \_\_\_\_\_ PSIG  
 Over wrap with plastic  
 Export crating required by outside vendor

#### Tagging:

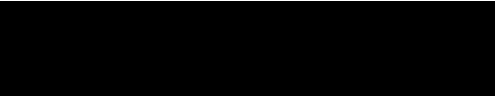
SS Tag 4010-5542 to be stamped with  P.O. #  Item #  Other \_\_\_\_\_ and to be wired to housing with SS wire  
 SS Tag 4010-5542 to be stamped with  P.O. #  Item #  Other \_\_\_\_\_ and to be wired to parts not installed in housing

#### Shipping:

All cartons for bags, cartridges and spare O-rings to be marked with customer P.O. # and item #.  
 ( \_\_\_\_ ) Days advance shipping notice required per instruction on order  
 Partial shipments **NOT** allowed

## Process Filtration Division





# Fax

<b>To:</b> Centro, Inc.	<b>From:</b>
<b>Fax:</b> 901-357-1379	<b>Pages:</b>
<b>Phone:</b> 800-344-3286	<b>Date:</b>
<b>Re:</b>	<b>CC:</b>

Please fill out this specification form and fax to one of the three locations:

Memphis: 901-357-1379

Little Rock: 501-835-2277

Nashville: 615-255-2212