

PRODUCT DATA SHEET

January, 2007

**3" BAG / CARTRIDGE
FILTER SYSTEM**

GENERAL INFORMATION

Two parallel-piped bag filters are followed by a single cartridge filter and are mounted on a forkliftable skid. Lifting bail also available for moving the unit. Housings are not ASME code stamped. Different bag and cartridge elements are available depending on job requirements and should be specified by the customer prior to use.

WEIGHTS AND MEASURES

» Capacity:	.....	200 gpm nominal flow rate
» Design Press:	.....	150 psig
» Design Temp:	.....	225°F max.
» Height:	.....	6'-11" (grade to lifting hook)
» Width:	.....	4'-9"
» Length:	.....	4'-8"
» Weight:	.....	900 lbs. (approx.)

FILTER DESIGN

» Filter Housings:	.....	<i>Bag:</i> Krystil Klear L88303FC415 (304 SS) <i>Cartridge:</i> Krystil Klear C1212403FB4D15 (304 SS)
» Interior Access:	.....	<i>Bag:</i> Swing bolts with eye-nuts closure; <i>Cartridge:</i> Davit assisted closure (swing bolts & eye nuts)
» Piping:	.....	Sch. 10 304 SS

FILTER DESIGN – cont.

» Inlet & Outlet:	.....	3" 150# 304 SS RFSO flanges
» Cartridge Elements:	.....	11 required; Double Open End, 2-1/2" o.d. and 40 inches long; typically polyester or polypropylene string wound; 0.5 micron range and up.
» Bag Elements:	.....	One size #2, 7-1/16" snap ring & 30" length required in each housing; Available fibers range from 1 to 1500 microns.
» Seals:	.....	<i>Bag filter:</i> Viton lid & basket seals <i>Cartridge:</i> Buna lid seal
» Valves:	.....	3" 150" butterfly with viton seat and SS trim
» Internal Hardware:	.....	<i>Bag Filter:</i> 316 SS strainer basket with 9/64" perforations, 30" deep. 6.7" dia. <i>Cartridge Filter:</i> 316 SS center guide post, cup & spring assemblies

TESTS / CERTIFICATIONS

» Test Performed:	Hydrostatically tested by manufacturer
-------------------	-------	--

