

**PRODUCT DATA SHEET**

April, 2007

**3" 304 S.S. BAG / CARTRIDGE FILTER SYSTEM**

**GENERAL INFORMATION**

Two parallel-piped bag filters are followed by a single cartridge filter (can be converted to hold a single #2 bag instead) and are mounted on a forkliftable skid. 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*:	.....	100 gpm (2 bag/ 1 cartridge) 200 gpm (3 bags, 5 microns and up) 300 gpm (parallel flow w/5 micron bags)
» Design Press:	.....	150 psig
» Design Temp:	.....	225°F max.
» Height:	.....	5'-1" (overall)
» Width:	.....	4'-0"
» Depth:	.....	6'-2"
» Weight:	.....	1175 lbs. (approx.)

\*Capacity (flowrate) depends on factors such as liquid viscosity, micron value of the filter media, solids loading etc. Assuming a 10 micron rating, the clean pressure drop through the bag filter would be 2-3 psi and the drop through the cartridge about 2 psi additional. Lowering the micron rating of the cartridge below 10 will increase the drop into the 4-6 psid range. Cartridges are normally spent at 24-28 psid.

**SKID DESIGN**

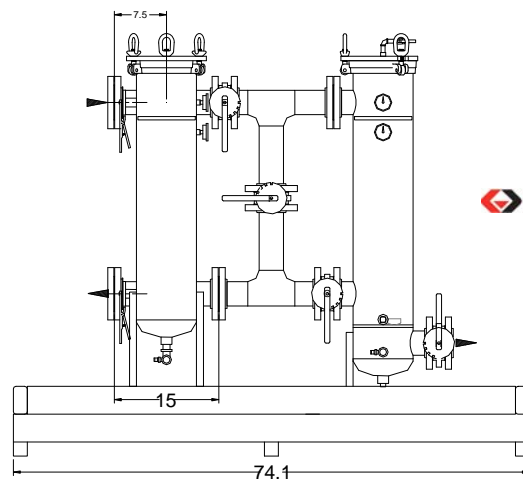
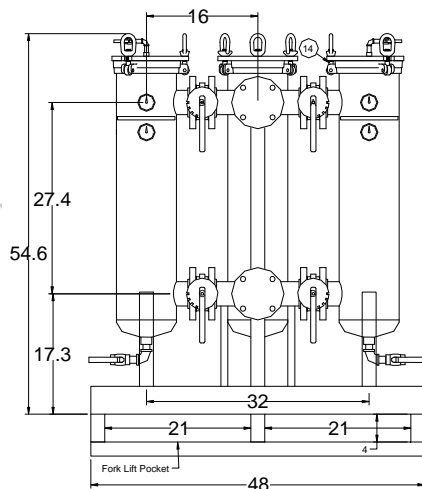
» Skid:	.....	2"x2" and 2"x4" c.s. structural tubing
» Vessel Mount:	.....	Legs are attached to cross supports on skid
» Forklift Pockets:	.....	Through front and rear framing channels (Each pocket is 21" wide)

**FILTER DESIGN**

» Assembly Number:	.....	Krystil Klear L88(CL)303FA41523F4DF
» Vessel Covers:	.....	Three eye nuts; hinged for easy access
» Piping:	.....	3" Sch. 40 304 SS (SA-312-304)
» Inlet & Outlet:	.....	3" Male Cam Lock
» Cartridge Elements:	.....	6 required; Double Open End, 2-1/2" o.d. and 30 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.
» Lid Seals:	.....	Buna N
» Valves:	.....	3" 150" butterfly with Buna packing
» Internal Hardware:	.....	<u>Bag Filter</u> : 316 SS strainer basket with 9/64" perforations, 30" deep. 6.7" dia. <u>Cartridge Filter</u> : 316 SS center guide post, cup & spring assemblies

**TESTS / CERTIFICATIONS**

» Test Performed:	.....	OEM Hydrotested @ 195 psi. Scheduled QMS inspections after purchase by BakerCorp.
-------------------	-------	---



To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. No guarantee of accuracy is given or implied because variations can and do exist. NO WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY BAKERCORP, EITHER EXPRESSED OR IMPLIED.