PRODUCT DATA SHEET
March, 2008

8” 304 STAINLESS STEEL
12-BAG FILTER SYSTEM

GENERAL INFORMATION
Single vessel mounted on a forkliftable skid. Housing is not ASME code stamped. Different filter elements are available depending on job requirements and should be specified by the customer prior to use.

WEIGHTS AND MEASURES
- Capacity*: 1200 – 2000 gpm (@ 1 micron and up)
- Design Press: 150 psig
- Design Temp: 225°F max. (gasket dependent)
- Height: 7’-5” (overall)
- Width: 4’-11”
- Depth: 7’-5”
- Weight (dry): 1075 lbs. (approx.)

*Capacity (flowrate) depends on factors such as liquid viscosity, micron value of the filter media, solids loading etc. Assuming water as a filtrate and factoring in pressure drop only, 2000 gpm is a practical upper limit for a size #2 bag with a 100 micron rating; 1200 gpm with 1-micron rated bags.. Clean pressure drop would be 2-3 psi. Lowering the micron rating increases the pressure drop. The minimum pressure drop for this unit at higher micron ratings is 1-2 psi. Filter bags should be changed out at 15-18 psid, or earlier if the process requires it.

FILTER DESIGN
- Assembly Number: Krystil Klear LR12-36-30-8F-A-4-15-SP
- Top Head: (17) closure bolts and nuts with davit lift assembly. 36” O.D., 0.25” thk, SA-240 Gr. 304 stainless steel
- Shell: 36” O.D., 0.25” thick x 28” L . R & T, SA-240 Gr. 304 stainless steel
- Inlet & Outlet: 8” 150# RFSO flanges, SA-182 Gr. 304 S.S.
- Bag Elements: 12 required: size #2, 7-1/16” snap ring & 30” length required; Available fibers range from 1 to 1500 microns.
- Lid Seal: Buna N O-ring
- In/Out Valves: 8” 150” butterfly with Buna seat
- Internal Hardware: SA-240 Gr. 304 S.S. tube sheet

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

SKID DESIGN
- Skid: 2”x2”x0.25” A36 c.s. structural tubing
- Vessel Leg Supports: 3x3x.375 angle, SA-36
- Forklift Pockets: Through front and rear framing channels

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.

3020 Old Ranch Parkway • Suite 220 • Seal Beach, CA • 562-430-6262