

EBS PASSIVE LIQUID POLISHING FILTRATION UNIT (LPFU)



EBS Passive LPFU-01 Unit uses a forklift to be placed into position.

The EBS Passive Liquid Polishing Filtration Unit (LPFU-01) contains two drums (300 lbs) of high-quality carbon. The LPFU-01 is designed to remove volatile organics, such as dissolved gasoline, diesel, benzene, MTBE as well as chlorinated solvents such as PCE, TCE and DCA.

The unit is built onto a rugged skid to be mobile and easy to move with a standard forklift. The longevity of the units will depend on the concentration in the water, the flow rates and the turbidity. Lower concentrations at low flow rates (3-5 gallons per minute) could last up to 24 to 36 months, whereas higher flow rates at higher concentrations, might only last for 12 to 24 months.

Maintenance: Change out filters when needed. EBS has supplied 50 filters with this kit.

Operations: The EBS system is passive, and does not require electricity. It is built on a pallet and will need a forklift to put into place.

Inflow and outflow are: 1 1/2". EBS can add a different standard connection size, for an additional cost, if requested.

Manufacturing Time: EBS takes 2 weeks to build the units and shipping takes about 1 week.

Shipping can range from \$800 to \$1500.00. Shipping Time should be about 2 weeks max.

Includes Items A-F

ITEM A

Quantity (1) ULTRASORBER

EBS UltraSorber R-350

Virgin quality carbon, Liquid Phase Unit

General Specifications:

165 lbs of Bituminous Coal Carbon

8 x 30 mesh size

Max. Liquid Flow: 12 GPM

Liquid Flow Recommended: 10 GPM

Lineal Face Velocity: 3.62 gpm/ft sq. @ 10 GPM

Residence Time: 4.50 min. @ 10 GPM

Max. Pressure: 8 psi

Pressure Drop: 1.5 PSI

Material Construction:

16 awg. carbon steel

12 awg Bolt Ring Closure, Chemical Resistant

Gasket

Interior Finish: Epoxy Coated

Exterior Finish: Enamel Paint

Shipping Weight: 234 lbs

Bottom Outlet: MNPT 2"; Top Inlet: FNPT 2"

Dimensions: 34" H x 23" D; Sampling Port

ITEM B

Quantity (1) Sampling Port Assembly

EBS LIQUID SAMPLE KIT SP-200

Liquid Phase Sample Kit Assembly

Consists of:

- Sample Ports Valve Assy (3)
- Quick Connect Fittings and Tubing 1"
- Pressure Gauges (2)
- Plumbing and Labor

ITEM C

Quantity (1) Sampson Bag Filtration Vessel

EBS SAMPSON BAG FILTRATION BF-201

Bag Filter Housing

High Capacity, Low Pressure Drop; Clamp Lid

304 Stainless Steel Construction

40 GPM Max Continuous Flow

1.5" FNPT Inlet/Outlet

Design Pressure: 150 psi at 225 °F

No.4 size, 4" x 14 " bags

Drain & Vent Connections

ITEM D

Quantity (50) Sampson Filters

EBS LIQUID FILTERS SF-202

PE-50-P4SH Sampson Filter Bag

Polyester Glazed Felt

5 Micron

Plain, no cover

Dimensions: 4" x 14" OAL

Zinc Plated Steel Ring

Strap Handle

Box of 50

ITEM E

Skid Assembly

EBS SKID ASSEMBLY SA-500

Carbon Steel Construction

EBS-SKID-55X40-025-CS

Carbon Steel Skid Platform Painted Epoxy

Skid size will be 55" x 40"

Forkliftable & Portable

Platform Assembly Included The Following:

- All components will be assembled fastened & plumbed on the platform

PAYMENT TERMS

Price: PLEASE CALL 415-381-5195

Shipping: \$800 - \$1500 depending on location

Taxes: Sales tax applies to California. (7.00%-8.75%) and will be added to the purchase

EBS accepts VISA/MC/Discover/American Express

Upon approved credit application, EBS requires bills to be paid in 30 days after receiving the item. Please call Jim Jacobs at EBS (415-381-5195) or jimjacobs@ebsinfo.com for more information or to put in an order.

Environmental Bio-Systems, Inc.

707 View Point Road

Mill Valley, CA 94941 USA