

An effective closed-tank method for handling purged solids and liquids.

Capturing separated solids for easy handling and returning purged liquid back into the system, this compact package eliminates costly liquid loss, messy open containers and the problems often encountered when drains or other means of solids/liquids disposal are remote or nonexistent. Separated solids are simply purged at a continuous rate directly into a solids recovery vessel, which is integrally equipped with a solids collection bag in a stainless steel basket. Purged liquid, passing through the polyester-felt bag, is then drawn back into the system, typically by means of the system pump's suction (see diagram).

Basic PBV Package

Vessel: Carbon steel, with adjustable-height legs

Internal Basket: Stainless steel with handle

Purge Collection Bags: Polyester-felt material, 25-micron rating; 2 bags provided with system; additional bags available as replacement pack.

Indicator System: Includes pressure differential gauge, mounting bracket, tubing, valves, sightglass and a flow control orifice (see diagram). Optional dry electric contact/

booster relay available for triggering a light, buzzer or other device to indicate when bag change-out is necessary.

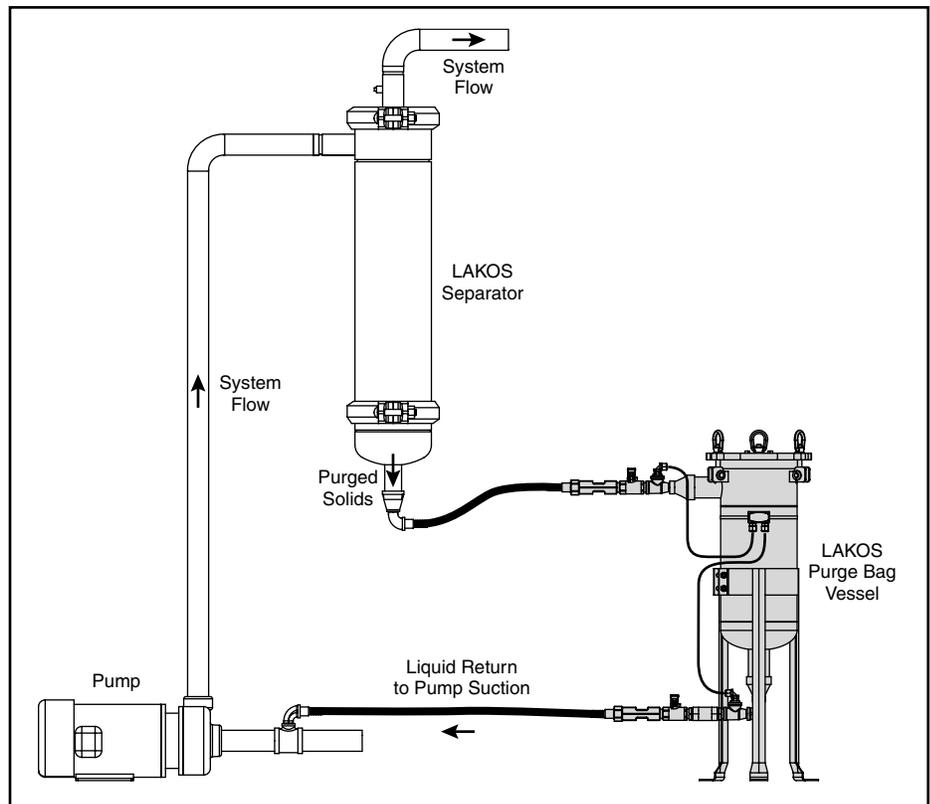
Solids Collection Capacity: 360 cubic inches (6 liters)

Liquid Retention Capacity: 5 gallons (19 liters)

Maximum Pressure Rating: 150 psi (10.3 bars)

Total System Weight: 40 lbs. (18 kg), without liquid/solids

Maximum Operating Temperature: 180°F/93°C



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