

BPF4™ Leukocyte Reduction Filter Systems for Red Blood Cells
Dockable Systems with Proven Performance for the Leukoreduction of Red Blood Cells and Whole Blood

Description

A laboratory processing system for the pre-storage leukoreduction of a single unit of packed red blood or whole blood, followed by the subsequent storage of red blood cells or whole blood.

Indication: Post collection blood should be leukocyte reduced as soon as practicable (preferably within 3 days); however, leukocyte reduction must be performed within 5 days of collection.

BLOOD COMPONENTS PRODUCED:

- ▶ Leukoreduced red blood cells, or
- ▶ Leukoreduced whole blood.

Leukotrap® SC RC System



Reorder code: 430-40

Purecell BPF System



Reorder code: BPFB

Performance

PALL SAVE SYSTEM – A Product Innovation to Accelerate Operational Workflow

The Pall SAVE sterile air venting elimination system utilizes state-of-the-art technology for the filtration and processing of blood components by the sterile venting of air contained in the blood processing filter system components while maximizing the recovery of red blood cells. During filter priming, the **Air Elimination Vent** removes air while ensuring the sterility of the system with a bacterial retentive barrier. After filtration, the **Blood Recovery Vent** facilitates drainage of the blood from

the filter to maximize RBC recovery by allowing air to enter the system through a bacterial retentive barrier membrane.

- ▶ **Other set features to enhance ease of use.**
 - **Automatic priming** by gravity.
 - **No need to strip tubing** for QC sampling and/or removal of extra air.
 - **Self-filling segment line.**
- ▶ **Maximized plasma recovery** over WB in-line systems by as much as 10%.

RBC Dockable Systems

Specifications

CONDITIONS OF USE

- ▶ **Shelf life:** 5 years.
 - The bulk-packaged BPF4™ Filter sets (Reorder code: 430-40), can be stored up to the expiration of the product after the plastic overwrap is removed from the inner box.
- ▶ **Storage conditions:** Room temperature; avoid excessive heat; protect from freezing.
- ▶ **Single use.**

PROCESSING & STORAGE OF BLOOD PRODUCTS

- ▶ **Latex content:** This product is free of natural rubber latex.
- ▶ **Blood Bag Access:**
 - By spike insertion (Reorder code: BPFB).
 - By use of a sterile connection device (Reorder codes: 430-40 & BPFB).
- ▶ **Clamps:** Control the filtration process.
- ▶ **Snap-open closures:** For easy, fast opening of fluid paths between bags.
- ▶ **Transfer/storage bag capacity:** 600 mL .
- ▶ **Filter:** BPF4 Leukocyte Reduction Filter.
 - Filter housing hold-up volume – 25 mL.
 - White cell residuals consistently averaging less than 5×10^4 ; well below industry standards and guidelines.
 - RBC recovery greater than 90%.
- ▶ **Blood Recovery Vent:** Facilitates draining in the sterile system.
 - The vent allows the entrance of air through a Pall bacterial barrier microporous membrane and is constructed to exclude microorganisms to maintain a sterile system. [21CFR 640.16(b)]

- ▶ **Air Elimination Vent:** Removes air from the blood processing system during priming.
 - The air is vented through the sterile filter system and prevented from entering the storage bag; air cannot reenter through the wetted Pall bacterial microporous membrane.
- ▶ **Plastic:**
 - All bags and tubing are polyvinyl chloride (PVC) with di (2-ethylhexyl) phthalate (DEHP) plasticizer.
- ▶ **Tubing:** All tubing is compatible with standard sterile tubing connection devices.
- ▶ **Blood bag label:** Enhanced paper for improved adhesion of overlabels.
- ▶ **Blood product dating:**
 - For closed system processing, each BPF4 Filter set is designed to be used with a sterile connection device which will permit subsequent storage of the red blood cells or whole blood, leukoreduced with no change to the original outdate when stored at 1-6 °C.
 - For open system processing, up to 24 hours at 1-6 °C from time of spike insertion for red blood cells or whole blood, leukoreduced.

TESTING

- ▶ **Dual purpose sample pouch:** sampling or elimination of extra air.
- ▶ **Crossmatch segments:**
 - 8 (Reorder code: BPFB).
 - 16 (Reorder code: 430-40);
- ▶ **QC sampling:** 6" quality control leg and the sampling pouch on the transfer/storage bag.



Reorder code: 430-40, bulk packaging

Ordering Information

Leukotrap® SC RC System – Reorder Code: 430-40

Case quantity: 40 sets, bulk packaged (10 sets/inner box; 4 inner boxes per case)

Purecell™ BPF System – Reorder Code: BPFB

Case quantity: 20 sets, individually packaged

