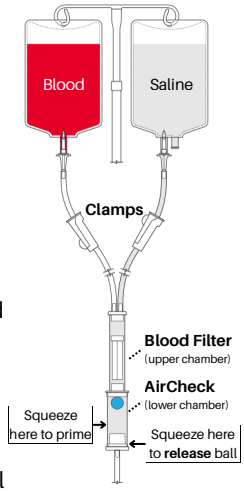
LifeFlow PLUS
Blood & Fluid Infuser

WHEN MINUTES MATTER

QUICK GUIDE

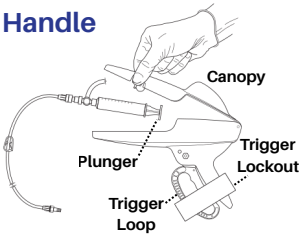
1 Set Up and Prime

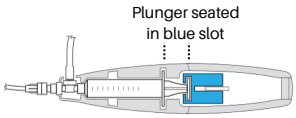
- Close both **clamps** then spike both bags.
- Open saline clamp.
- Squeeze the middle of **AirCheck®** to prime.
- Squeeze until both upper and lower chambers (blood filter and AirCheck) are **completely filled**.
- If ball is at the bottom of AirCheck (lower chamber), squeeze "**release**" until ball floats.

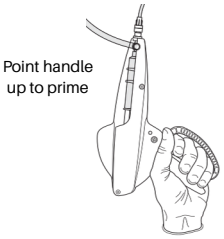


2 Syringe and Handle

- Squeeze tabs to open **canopy**.
- Place syringe **plunger** in blue slot with numbers up.
- Close the **canopy** until it latches.
- Remove foam **trigger lockout**.
- Point handle up and prime tubing by repeatedly squeezing the **trigger loop**.

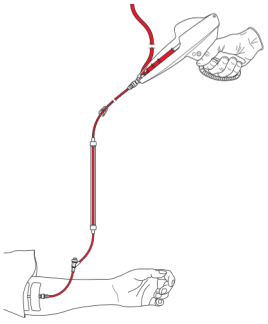






3 First Infusion

- Connect to the patient.
- Close saline clamp and open blood clamp.
- Infuse blood by repeatedly squeezing the trigger loop.
- To avoid creating a vacuum, stop infusing while a small amount of blood remains in the bag.
- Close blood clamp.



4 Additional Infusions

- Spike new bag, then open clamp.
- Squeeze AirCheck to prime.
- If no air is present, proceed with infusion
- If air is present in tubing or ball is suctioned to the bottom, refer to **Resetting AirCheck** (see back page).

! Important

- Cleared for use with blood, blood components (red blood cells or plasma), and crystalloid and colloid resuscitative fluids.
- When transfusing blood products, use a 22G catheter or larger.
- LifeFlow PLUS is compatible for use with all vascular access that is rated for contrast infusion pressures (300psi).

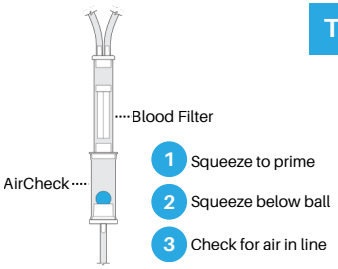
Consult IFU for full use instructions, indications, and warnings.

TRAINING VIDEO

TROUBLESHOOTING AND TIPS

RESETTING AIRCHECK

IF The ball is suctioned to the bottom of AirCheck, the trigger loop will not return. **Disconnect from the patient.**



THEN

1. Spike new bag. Open desired clamp and squeeze AirCheck to prime.
2. Squeeze where it says "release" until the ball floats.
3. Check for air in the line. Re-prime line if needed, then reconnect and infuse.

Troubleshooting

ISSUE	CHECKLIST
CANOPY WILL NOT CLOSE	1. Ensure blood tubing syringe is properly seated with numbers up. 2. Ensure canopy is properly aligned.
WILL NOT PRIME OR DIFFICULT TO START INFUSION	1. Confirm syringe plunger is properly loaded inside blue slot. Remove and reload if necessary. 2. Ensure all appropriate clamps are open. 3. Ensure ball is floating. If it is not, squeeze "release" on the AirCheck until the ball floats. 4. Check distal clamp.
TRIGGER LOOP STOPS MOVING DURING INFUSION	1. Start at the top of tubing and check fluid bags, clamps, filter, and AirCheck per details above. 2. Check IV for occlusion. 3. Blood filter may be clogged. If so, get a new tubing set.
TRIGGER LOOP RETURNS SLOWLY	1. Tubing may need to be replaced if syringe has slowed or filter is clogged. 2. Do not force trigger loop open or closed if it does not move freely.

Tips and Reminders

General

- AirCheck should always remain completely filled and vertical. ***FLOAT BEFORE YOU FLOW***.
- To avoid creating a vacuum, do not drain blood bag completely.
- For blood products, this device can be used on a single patient for up to 4 hours or until the filter clogs.

Syringe and Handle

- Trigger loop provides tactile feel. If you notice a change in resistance, refer to troubleshooting checklist.
- The trigger loop is designed to break away if excessive force is applied. This is a safety feature.

For Crystalloids and Colloids

- For crystalloids and colloids, this device can be used on a single patient for up to 24 hours.
- If infusing saline with a 24G or smaller catheter, slow down between trigger squeezes to limit resistance. ***GO SLOW FOR BETTER FLOW.***

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