

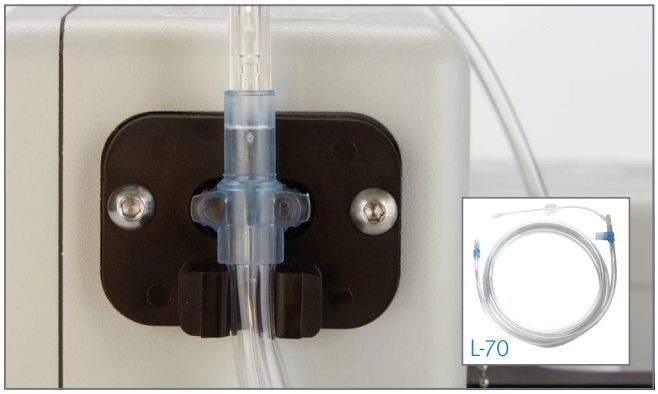
Product Reference Guide

Hotline™ Fluid Warmer (HL-90)
Hotline™ Fluid Warming Sets (L-70, L-70NI)

Step-by-Step Guide

Important: Please refer to the Operator's Manual supplied with the product for detailed instructions, contraindications, warnings and cautions, and the appropriate IFU for specific information on using disposable sets.

Warning: Prime the recirculating solution path before connecting to the intravenous extension set, to confirm there is no breach between the recirculating solution path and the intravenous path.



Step 1

› Plug the twin-tube connector on the Hotline fluid warming set into the socket.



Step 2

› Turn ON the power switch.

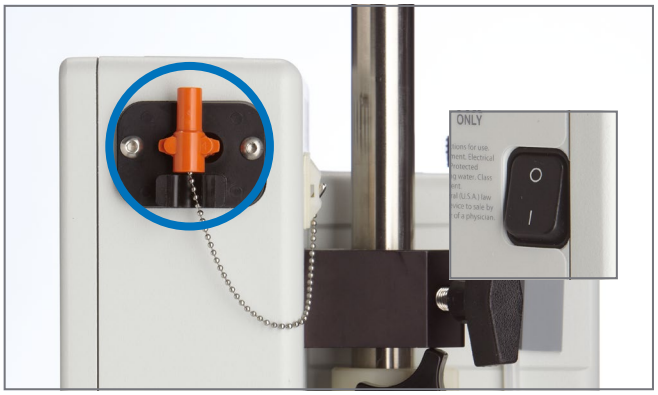
› Inspect the patient end of the Hotline fluid warming set for leaks to confirm the integrity of the intravenous pathways.



Step 3

› Connect the IV fluid and the intravenous administration set to the Hotline fluid warming set.

› Fully prime the intravenous administration set and the Hotline fluid warming set prior to connecting to the patient.



Step 4

› After use, turn OFF the power switch.

› Remove the Hotline fluid warming set and insert the reflux plug into the socket.

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Troubleshooting

No Power

- Confirm the Hotline warmer is plugged in properly.
- Confirm the power switch is in the ON position (note: if the Hotline warmer is plugged in and the power switch is turned ON, the green or red LED will illuminate).

Check Disposables Alarm

- Confirm the Hotline fluid warming set is properly installed.
  - Push the twin-tube connector firmly into the socket on the right side of the Hotline warmer (note: turn OFF the power switch before replacing the Hotline fluid warming set).
  - If the alarm is not cleared, replace the Hotline fluid warming set. Turn ON the power switch and verify the alarm has cleared.
  - If the alarm is not cleared, remove the Hotline warmer from service.

Add Recirculating Solution Alarm

- Check the level in the reservoir — turn OFF the power switch, remove the Hotline fluid warming set if installed, and add recirculating solution to the maximum level.

Over Temperature Alarm

- Check the Hotline fluid warming set for kinks or other restrictions.
- Check for air lock:
  - Turn the power switch to OFF, remove the Hotline fluid warming set, and gently shake the Hotline warmer to remove air.
  - Plug in the Hotline fluid warming set and turn the power switch ON.
  - If the alarm is not cleared, remove the Hotline warmer from service and return for repair or replacement.

Electrical Interference (receiving or transmitting):

- Move the Hotline warmer away from the device in question.
- Plug the Hotline warmer into a separate electrical circuit (if the problem continues, notify ICU Medical or your local ICU Medical distributor).

If the suggested solutions do not correct the problem, discontinue use of the Hotline fluid warmer, remove from service, and contact ICU Medical.

The product complies with current legislation and has the corresponding CE marking (2797).
For additional information, warnings and/or safety precautions, refer to the manufacturer's user manual.

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