



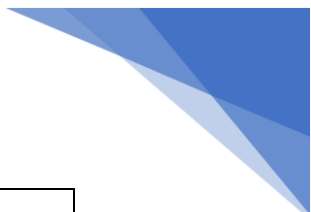
# **Hill-Rom**

## **CareAssist ES Bed**

### **Hill-Rom CareAssist ES Hospital Bed Specifications**

*Chapter 1: Specifications*

<b>Table 1-1. Specifications Feature</b>	<b>Dimension</b>
Total length	100" (254 cm)
Maximum width (siderails stored)	40" (102 cm)
Maximum width (siderails up)	40" (102 cm)



Mattress dimensions:	
Mattress width	35.25" (89.5 cm)
Mattress length	80" (203.2 cm)
Mattress thickness	6" (15.2 cm)
Alternate mattresses: Recommended height above the mattress at the deck perimeter to the top of the siderail, per IEC 60601-2-38	8.7" (22.1 cm)
Caster size	6" (15.2 cm)
Total weight	420 lbs (191 kg) without surface, options, or accessories

<b>Table 1-2. Specifications Feature</b>	<b>Dimension</b>
Head section inclination (maximum)	65°
Knee section inclination (maximum)	20°
Foot section inclination (maximum)	-23°
Maximum height (to top of sleep deck)	32.5" (82.6 cm)
Minimum height (to top of sleep deck)	15.75" (40.00 cm)
Trendelenburg position (maximum)	16°
Safe working load (safe working load includes: patient, accessories, mattress, and etc.)	400 lbs (181 kg) (A through C model beds) 500 lbs (227 kg) (D model and newer beds)
Siderail opening size	4.34" (11.02 cm)

## Troubleshooting Functionality

1. **Braking** - Set the brakes to the neutral position, and plug in the power cord into an appropriate power source. An audible alarm can be heard. When the brake is not set an alarm will sound. The steer caster must be locked into position. This will initiate the audible alarm to stop sounding.
2. **Battery** - Make sure that the bed remains connected to a power source for at least 12 hours without the batteries being used. After 12 hours, unplug the bed from its power source. The bed operates correctly on battery backup after charging.
3. **Hand Control** - The hand pendant assists many of the main functions for the bed control. It is important to keep all wiring free from underneath the bed at all times as this will help minimize the risk of damage taking place from weight of the bed coming down on this item.
4. The CareAssist® ES Bed should be subject to an effective maintenance program. This will ensure the long life and productivity of the bed, and help to reduce downtime due to excessive wear failures.
5. An annual service of the bed is advised in order to maintain its characteristics and performance.
6. Every 3 years, the batteries should be replaced by a facility-authorized maintenance personnel.

## Casters

The bed has four casters: three brake and one brake/steer. Each caster has a 30° inclination activation mechanism and three positions. The brake/steer caster is located on the left side, foot end.

## Head and Footboards

The headboard and footboard are interchangeable and can be used as a CPR backboard.

