User instruction:

- Remember to use gloves. Laboratory coat and personal goggles should be used when necessary.

- Start the hood by pressing „On/off“ 5-10 minutes before you start working. A light will show in the corner of the buttons when these are activated.

- Move the window to the lowest position by pressing the „up and down“ arrows. Working height should be in the lowest position.

- Make sure that 1/1 speed is activated when working in the hood by pressing the „fan“ on the left side in the bottom tool bar. Working light in the hood will be activated when full fan speed is on.

- Clean and disinfect the cabinet before and after use with 70% ethanol. The fan speed should be at 1/1 during cleaning. Wait 10 minutes before you start working, or before you turn it off.

- Make sure the hood is cleared of unnecessary equipment, bottles, etc. before the work begins. (Bottles and equipment destroys the laminar flow pattern in the cabinet and reduces exhaust effect).

- Select the working position (sitting or standing) according to the risk of splashing of liquids and duration of the work. Never bend your head into the hood.

- Work with gentle movements in the hood to avoid creating turbulence and avoid getting contaminated air into the breathing zone.
- Keep the ventilator going for approximately 10 minutes before reducing the fan speed or closing the hood.

- By reducing the speed to ½ by pressing the „fan“ on the upper toolbar, the hood is kept in stand-by position. Light will switch off.

- After use, turn off the laminar hood by pressing „On/off“. All lights turn off.

Caution:

Protect the eyes to UV rays with goggles and face shield. The eyes are very sensitive and shall not be directly exposed to irradiation at any time. Protect your skin with lab coat and suitable gloves.

Do not spill any liquid at the sieve or block the flow of air (HEPA) in the filter zone.

Cleaning and maintenance:

Daily
The laminar hood should be cleaned and disinfected before and after each use with 70% ethanol.

Monthly
Clean and disinfect the working area according to the SOP on „Laminar flow hood sterility control“ HEL11Q007, and afterwards move the window back to the lowest position.

The laminar hood should not be used as storage.

Responsibility:

Information about the person responsible for the equipment is in the SOP “List of responsible persons and equipment” HEL11E060.

For further instruction, see binder with complete manual instruction number 20.