Risks

• Exposure to harmful vapours or gasses if not operated correctly

Warnings

• The airflow test certificate must be current
• Large objects may disrupt the airflow reducing the cabinet’s effectiveness
• Ensure all items are positioned at least 15cm inside the cabinet
• All mains powered equipment must use the power points on the cabinet.
• It must not be used for biohazardous materials (use a biosafety cabinet instead)
• Have knowledge of the SDS’s and any SOP’s for chemicals used within the cabinet
• The lower section is not to be used as a flammable goods cabinet

Personal protective equipment required

• Laboratory coat or gown
• Safety glasses if corrosive or toxic materials are used
• Enclosed shoes
• Hair tied back if long

Operation

• Press the ‘Fan’ button to start operation
• Wait 60 seconds for the purge cycle to complete
• When the status panel displays ‘SERVICES READY’ the cabinet is ready for use
• If you require power or gas, press the ‘Services’ button. The status will now display ‘SERVICES ON’
• Always keep the sash in the lowest possible position
• To stop the unit, press the ‘Fan’ button again, and answer ‘YES’ (Fan button) to acknowledge. The unit will enter a ‘POST_PURGE’ state and operate for another 5 minutes.
• Press the red EMERGENCY stop button to disable power and gas. The fan will continue to run

Maintenance

• Yearly certification for airflow to NATA standards (contracted by CIS)
• Report all faults to the safety officer and CIS