

7. Technical Specifications

This equipment is for indoor use and will meet its performance figures within the ambient temperature range of 0°C to 35°C, with maximum relative humidity of 80% non-condensing. Installation category II (transient voltages). Pollution degree 2 in accordance with IEC 664. For operation at altitudes of up to 2000 meters (6500 feet).

Temperature range	(Ambient +10°C) to 100°C.	
Setting range	0°C to 100°C	
Stability	+/- 0.5°C	
Overall accuracy	+/- 0.5°C at 65°C	
Temperature display resolution	0.1°C	
Supply ratings	230401	115V +/- 10%, 2.6A, 60 Hz.
	230401-2	230V +/- 10%, 1.3A, 50/60 Hz.
Power ratings	230401	300W
	230401-2	300W
Heating rate	Ambient to 65°C within 25 minutes	
Speed rotation	5 – 60 RPM	

N.B. A minimum of at least two bottles is needed for optimum temperature stability.

8. Maintenance and Service

All Boekel laboratory products are designed to comply with IEC1010-1.
No routine maintenance is required.

8.1 Cleaning

Disengage power cord prior to cleaning. The floor of the chamber is protected with a removable stainless steel drip tray. If a spill occurs, use appropriate clean up procedures as required for radiation or biohazard control. The outer casing can be cleaned with a cloth dampened with water. Do not submerge or immerse the Big SHOT in water. The plastic on the front door must not be cleaned with any abrasive type cleaning agent. This will cause severe scratching of this material. Before using any cleaning or decontamination method except those recommended by the manufacturer, users should check with the manufacturer that the proposed method will not damage the equipment.

8.2 Replacement of Fuses

Disconnect the unit from the power supply.
Remove the plug from the socket in the back of the unit.
Pull back on the fuse drawer catch.
Pull out the fuse drawer (see Figure 4).
Check and replace with the correct fuses if necessary. The fuses should be 5mm x 20mm quick acting, rated 250V.

230401 (115V) 4.0AF

230401-2 (230V) 2.0AF