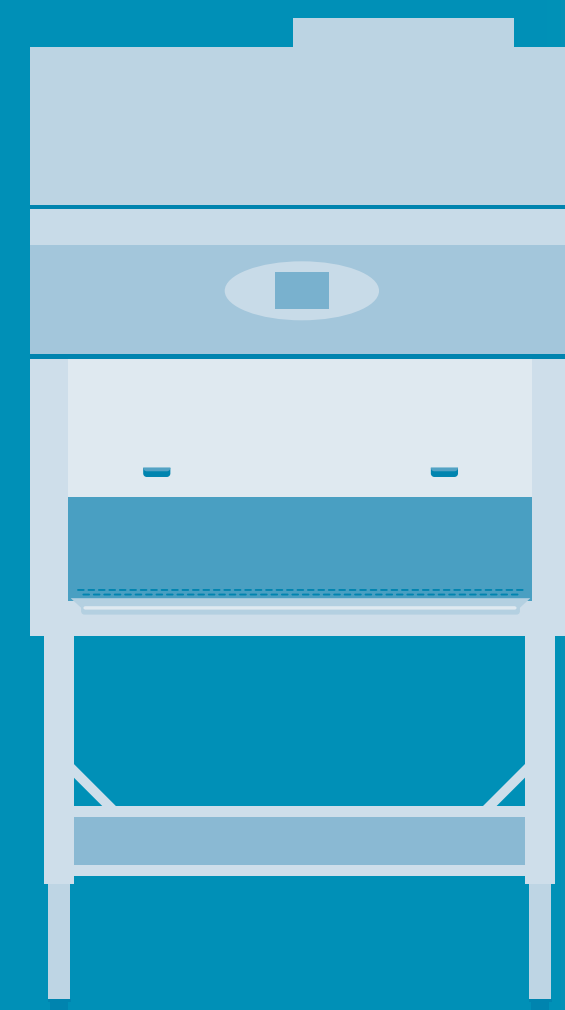
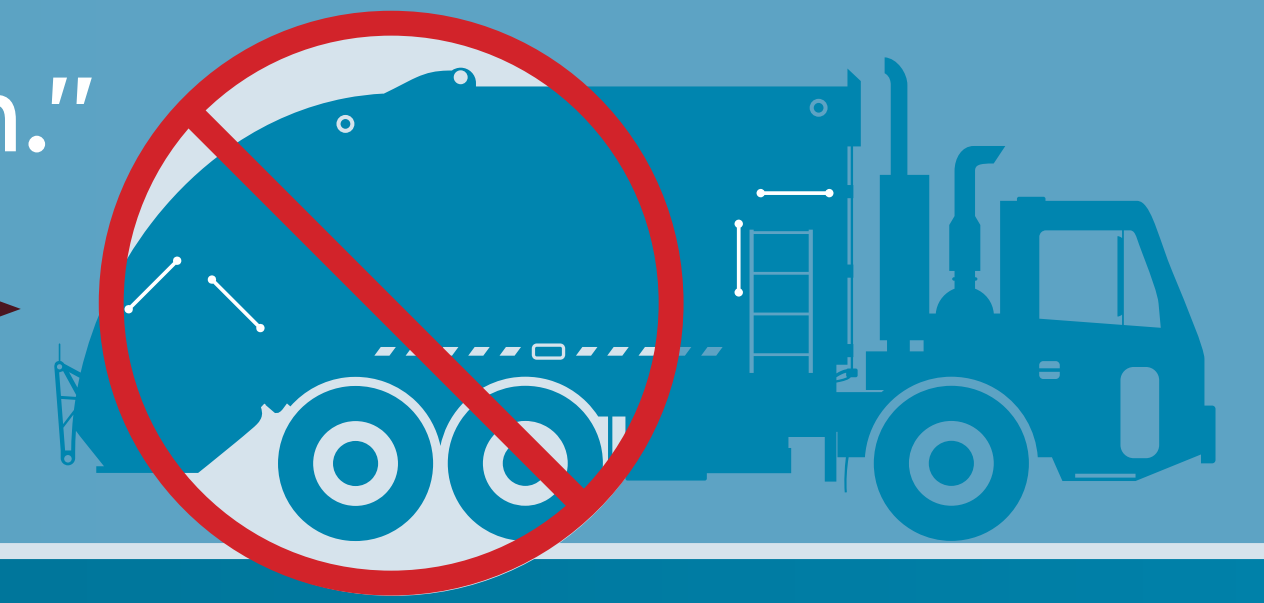


# BIOSAFETY CABINET DECOMMISSIONING PROCESS

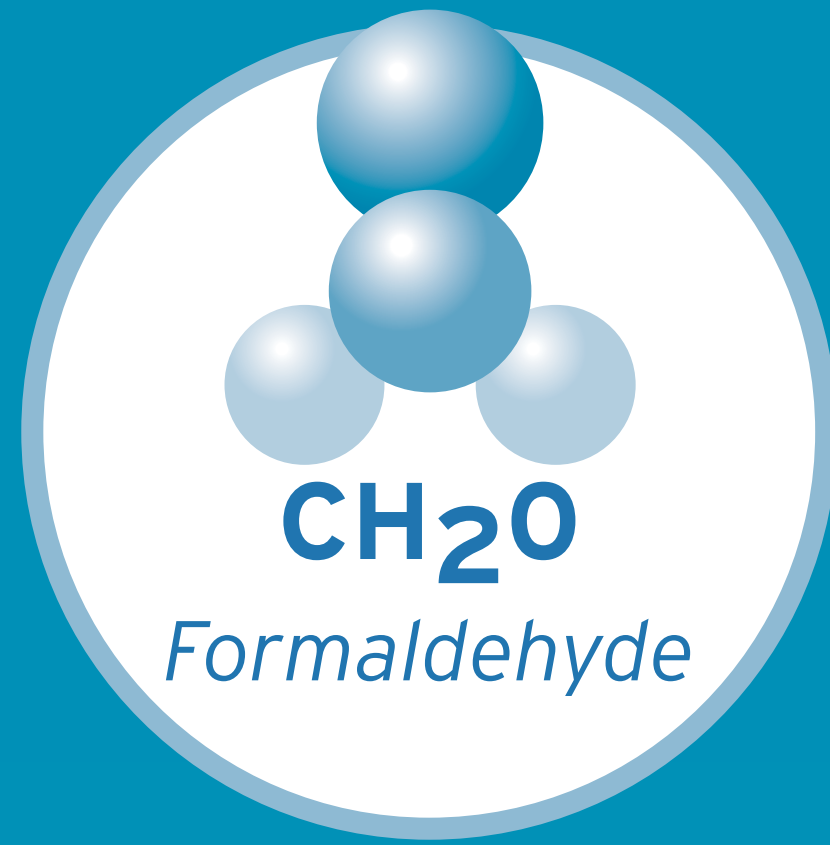


NSF/ANSI 49 - 2016 Annex E states that "No biosafety cabinet should be sent to a landfill or a recycling facility as a BSC, it should be disassembled per requirements contained in this section."



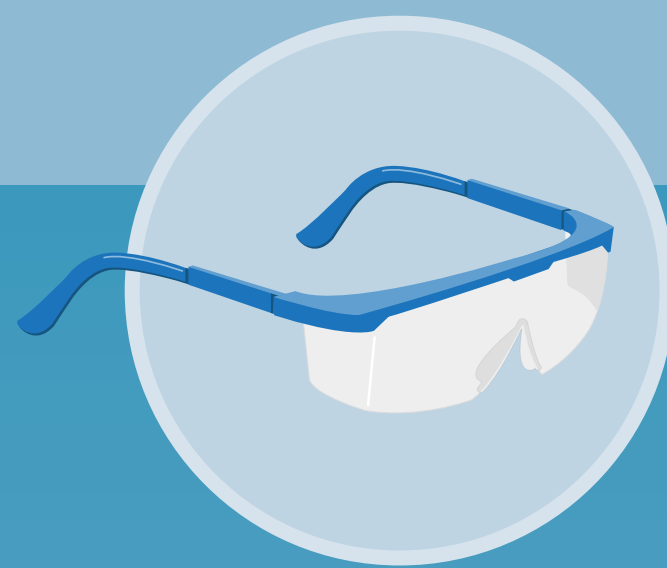
## DECONTAMINATION:

All decommissioned BSCs used with pathogens should be space decontaminated. Common agents include:

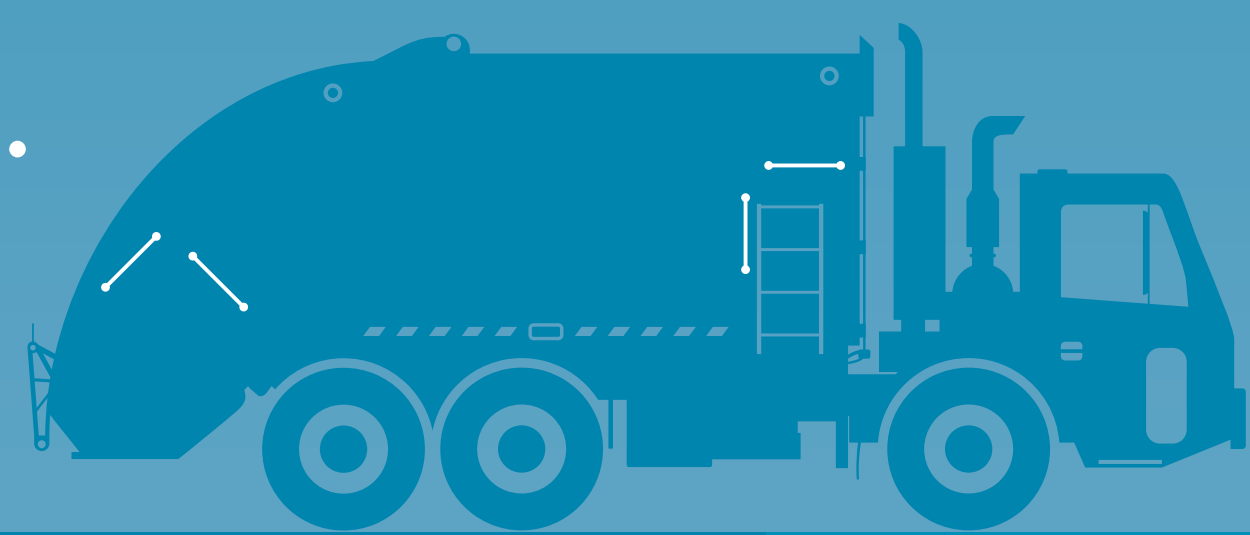
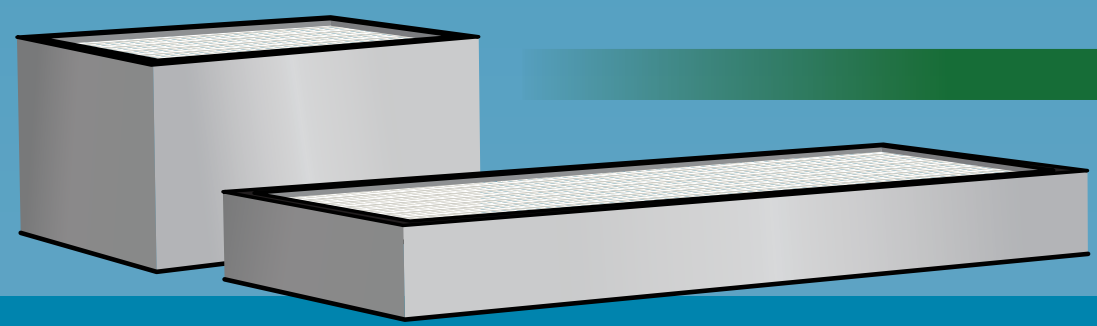


### PERSONAL PROTECTIVE EQUIPMENT

Appropriate protective equipment should be used as directed by the Facility Safety Officer or the biosafety safety professional.



Decontaminated HEPA/ULPA filters may be safely buried in a sanitary landfill.



## DISASSEMBLY:

**METAL PARTS  
UNDER 30 LBS. (13 KG)**

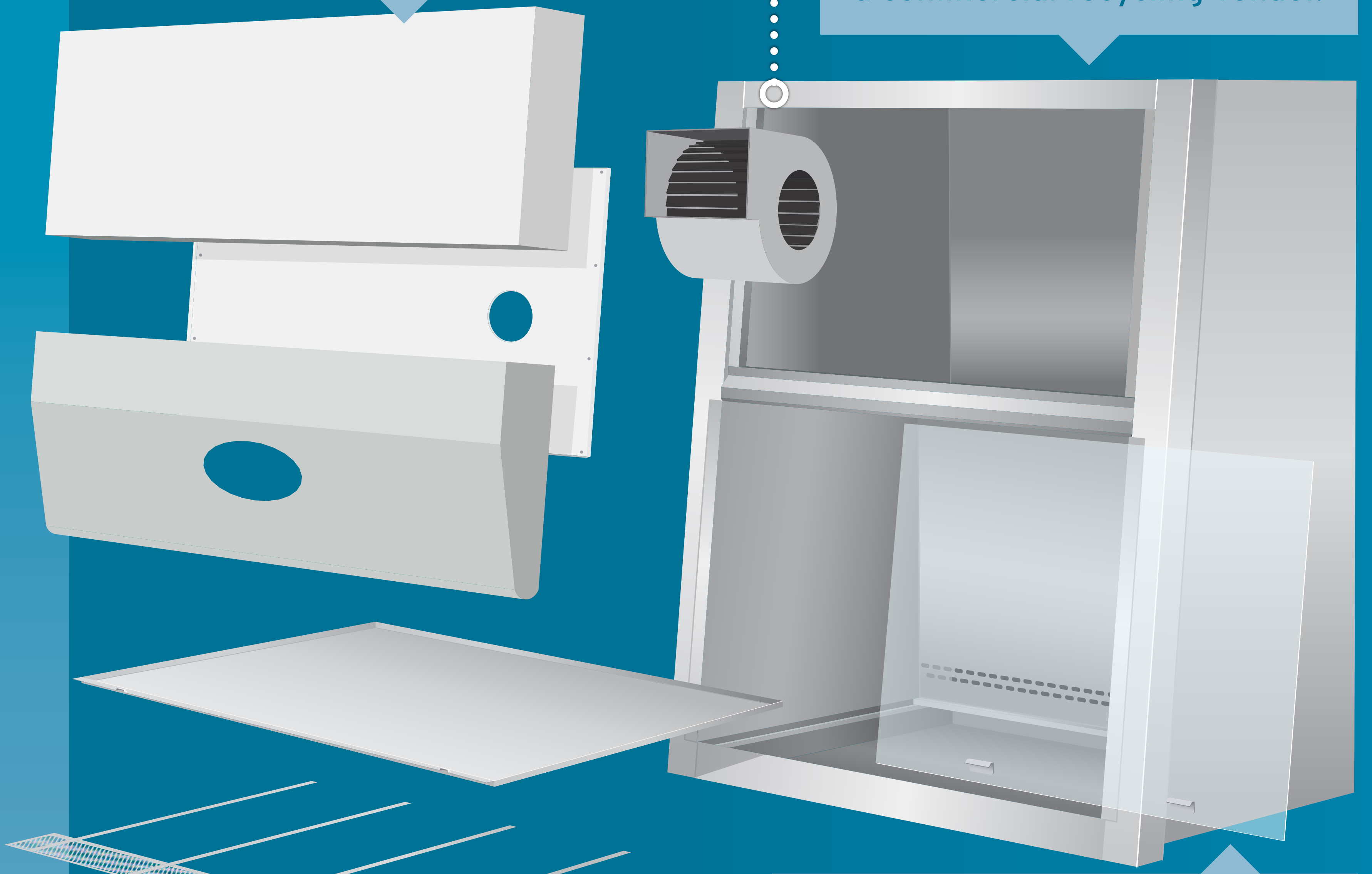


Remove parts from the lab to a facility metal recycling container.

**METAL PARTS  
OVER 30 LBS. (13 KG)**



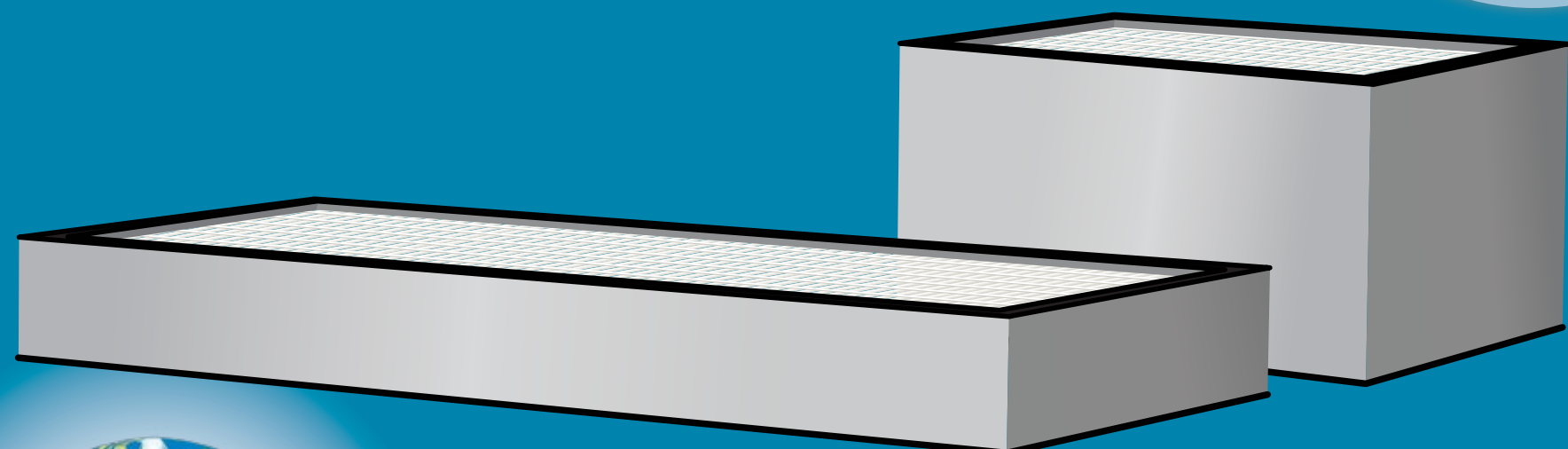
**INCLUDING UNIT CHASSIS**  
Transport to a pick up area for a commercial recycling vendor.



**GLASS  
SAFETY WINDOWS / SASHES**  
Recycle via facility glass container

## INCINERATION

**TOXIC CHEMICAL  
- OR -  
PRION CONTAMINATION**  
May require HEPA / ULPA filters to be disposed of by incineration.

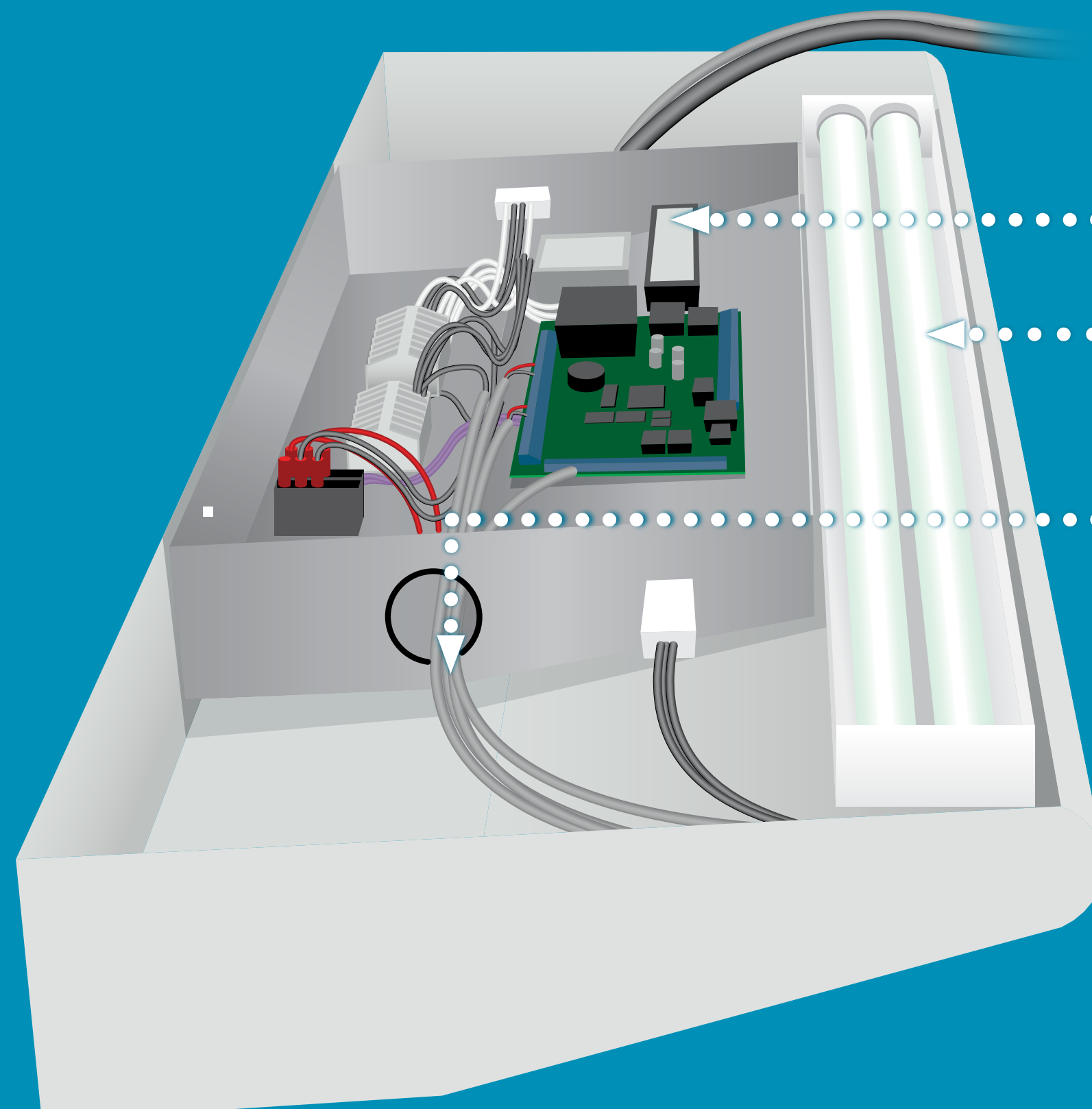


## ELECTRONIC COMPONENTS:

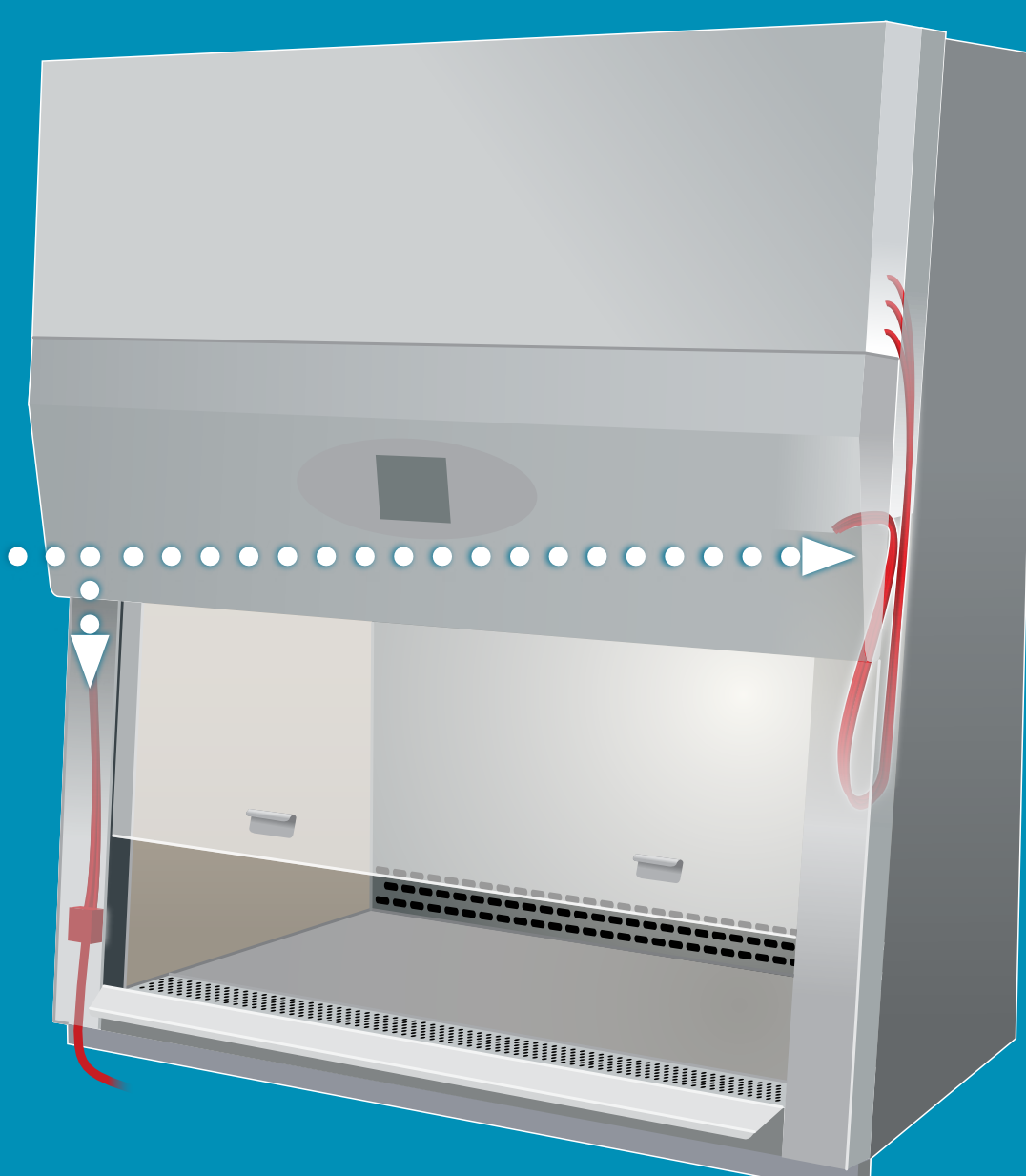
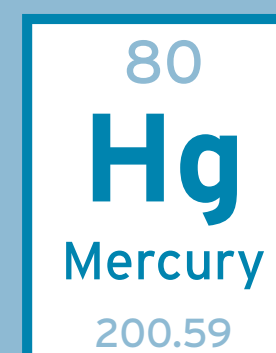
**ELECTRICAL BALLASTS**

**LAMPS**  
FLUORESCENT AND / OR UV

**ACCESSIBLE WIRING**  
Remove from the lab to the proper recycling container.



Ultraviolet bulbs must be treated as waste containing mercury.



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This document includes information from: "E10 BSC Decommissioning Process," Biosafety Cabinetry: Design, Construction, Performance and Field Certification Annex E, NSF International Standard/American National Standard, 2016, pp. 21-23.

