

Help! I need to shut down my Biosafety Cabinet for an extended period of time

BAKER

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For Class II Type A2 “Recirculating” Biosafety Cabinets regardless of whether they are connected to a building exhaust system or not.

- Remove and Disinfect all items from the Biosafety Cabinet
- Disinfect all interior surfaces according to normal disinfection protocols
- Depending on the disinfecting agent used, a sterile water final wipe down may be advised to remove harmful residue from stainless steel surfaces
- Close the sash while continuing to run the motor. Newer model hoods will go into ReadySAFE (low flow) mode. These cabinets can remain in ReadySAFE mode indefinitely and will maintain cleanliness. Older model hoods will engage in higher velocity intake at the sash gap; this is expected. Allow cabinet to run for 3 minutes to purge any particulates prior to shut down.
- If operational procedures call for complete power shut down, TURN THE MOTOR BLOWER OFF. Extended shut down periods may allow the cabinet blower to be shut off to save energy. If containment or sterility is to be maintained during the shutdown, then the cabinet blower should be left on.
- If UV light is available, turn it on and for a period of time consistent with internal protocols but generally no longer of 30 minutes. If available, use the standard built-in timer. If the UV timer is not available you can either wait the effective period and then shut it off or leave it on for the duration. Note: the UV light should not be used unless the sash is closed.
- After this is complete, the cabinet is prepared for a prolonged unpowered period.

For a B2 Biosafety Cabinet with a HARD DUCT EXHAUST connection.

Any shutdown needs to be in coordination with the building exhaust system facilities team. Call your local Baker representative or Tech Support at Baker Co. for specific instructions.

Return the BSC to operation

For Class II Type A2 BSCs:

- If the cabinet was in ReadySAFE mode continuously, open the window sash, disinfect all surfaces as you would for a normal start of work procedure, wait 3 minutes, and resume work.
- If the BSC was powered OFF, Start up the motor blower. Wait 3 minutes, open the window sash and disinfect all surfaces as you would for a normal work procedure, wait 3 minutes, and resume work.

For Class II Type B2 BSCs:

Coordinate with the building exhaust system facilities team and your local Baker representative or Tech Support at Baker Co. for specific instructions.