

## Checklist BEFORE starting cooling

- Canary is blowing
- CO2 meters are ON and displaying a reading
- Blow system is evacuated: i.e. Vacuum is ON
- If operating modules in air:
  - ◆ module support is tightly closed
  - ◆ flowmeter shows that compressed air is flowing (purge for at least 15 mins on high flow)
  - ◆ The compressed air can be felt at the exit of the module support
- If operating modules in vacuum:
  - ◆ vacuum is on
- Check the weight of the CO2 bottle and write it in the logbook
- Make sure that the lab view program to display the temperatures is running, and is not in a frozen state - i.e. the time is updated and the graphs are moving
  
- Now you are ready to follow the cooling instructions according to the documentation
  
- Blowsystem.doc: Blow System documentation 26 August 2006

There is general documentation on the cooling available at [http://lhcb-vd.web.cern.ch/lhcb-vd/html/Assembly/Systems/cooling/cooling\\_for\\_acdc.htm](http://lhcb-vd.web.cern.ch/lhcb-vd/html/Assembly/Systems/cooling/cooling_for_acdc.htm)

## Checklist AFTER finishing the cooling

- Close down the cooling following the documentation
- Ensure when you have finished that all valves are open and the pressure from the bottle has dropped
- Wait for all temperatures to rise above 5 degrees and then turn off the heater
- Check the weight of the bottle and write it in the logbook
- If leaving for the night, turn off the vacuum system

## Please read the [introduction](#) to the assembly area

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This topic: LHCb > VeloBlowSystem

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