

Vinothèque Wine Cellars

PERFORMING A BYPASS TEST

Each unit has a bypass plug included with the instruction guide. The bypass plug is used to help troubleshoot when the unit is not cooling correctly, allowing you to determine whether the problem lies within the thermostat or the cooling unit itself. The process to use the plug is as follows:

1. Unplug the unit from the power outlet.
2. If the unit shows any signs of ice on the front, it must remain off for 24-36 hours before running the bypass test.
3. Disconnect the thermostat from the bracket by unscrewing the two attachment screws. When pulling the thermostat back from the bracket, you'll see a four-wire plug connection.
4. Disconnect the thermostat at this connection and plug the bypass test plug in its place. This will disable the electronic controls and allow the unit to work at full capacity.
5. Let the unit run for approximately twenty-four hours and check intermittently to see if it is cooling. Do not run the test for longer than twenty-four hours.

If the unit is indeed cooling, then there is a problem with the Vintronic, PDT, or PDTjr. thermostat. If it is not cooling or icing during the test, then the problem is with the cooling system itself or the installation of the unit. Our Customer Service Department can help determine service and replacement options. Please use the attached form/s to help gather all the information necessary for running a proper test.



White bypass plug connections are used on most units manufactured before 2003.



Black bypass plug connection, used on most units 2003 and beyond. On all WhisperKOOL models the bypass plug connection is located on the front of the unit, behind the thermostat.



The location for plug on QT Cabinet models is behind thermostat on upper right corner.



The location for the bypass plug on the WhisperKOOL Cabinet is behind thermostat on front of the cooling system.

Bypass Plug Checklist Form

Model _____

Serial Number _____

STANDARD SERIAL NUMBER LOCATIONS



WK before 2003 – side



WK after 2003 - thermostat bracket



Cabinet WK – bottom right corner



QT – near door hinge

How long was the unit off before the test was started? _____

Note: If the unit had any ice, it must stay off for 24-36 hours **before** the test is started.

For WhisperKOOL owners:

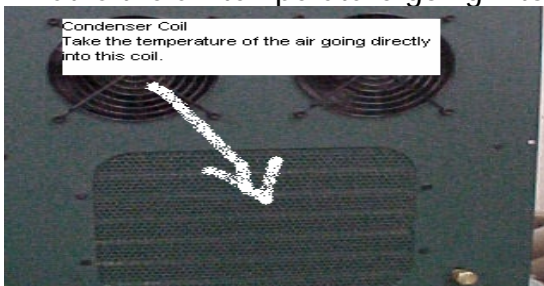
What is the air temperature coming from the evaporator fans?



Evaporator Temperatures:

Upon Start Up _____ Midway through test _____ End of Test _____

What is the air temperature going into the condenser coil?



Condenser Temperatures:

Upon Start Up _____ Midway through test _____ End of Test _____

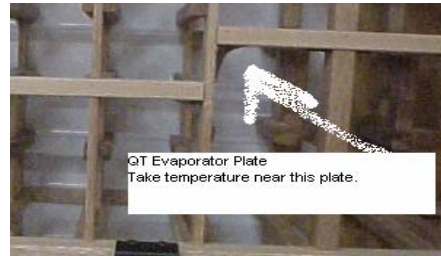
For Cabinet owners:

What is the air temperature at the evaporator?

Evaporator Temperatures:

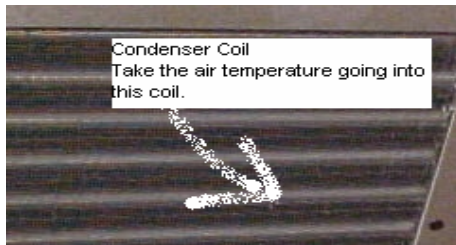


OR

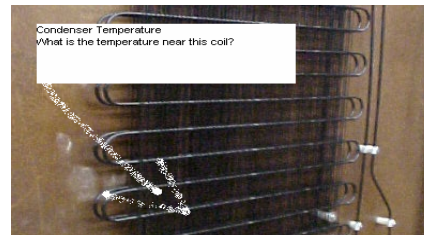


Upon Start Up _____ Midway through test _____ End of Test _____

What is the air temperature from the condenser?



OR



Condenser Temperatures:

Upon Start Up _____ Midway through test _____ End of Test _____

Other Questions for ALL models:

Did the unit ice up during the test? If so, shut the unit off and let us know approximately how long into the test it iced over.

Were all the fans running during the test? Did all the fans stop running when the bypass plug was removed?

Thank you for your cooperation in having all the above information. You may be asked to answer installation questions as well or take pictures of your installation when you relay the above information to our Customer Service Department.

Vinotheque Wine Cellars Customer Service 800-343-9463
Open Monday through Friday 8:00 a.m. – 4:00 p.m. Pacific Time