

New Folder Name Coil Temperatures

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## FACSIMILE COVER SHEET

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TO Marty Tellalian  
CBITSC

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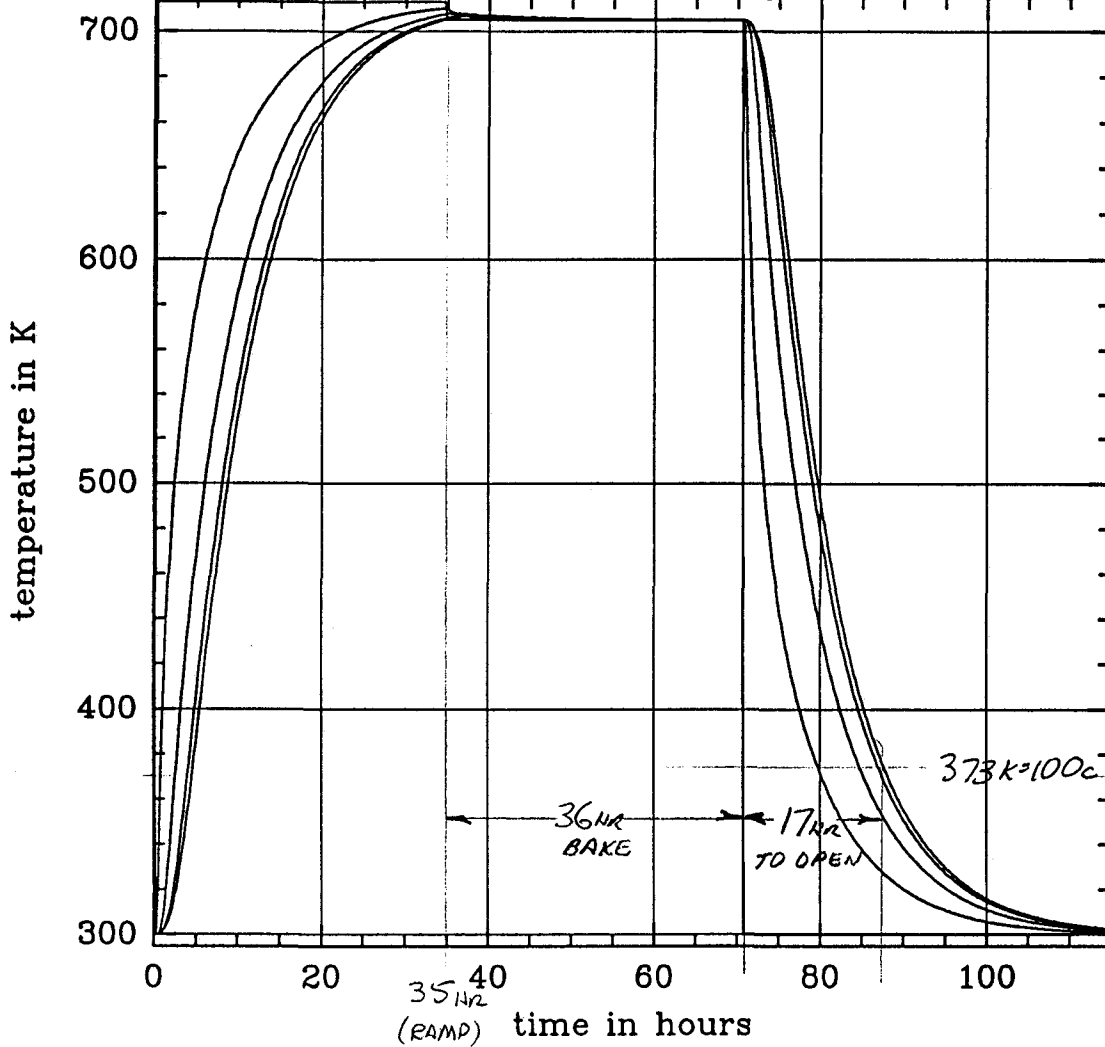
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Rai's plots of coil temperatures are attached.

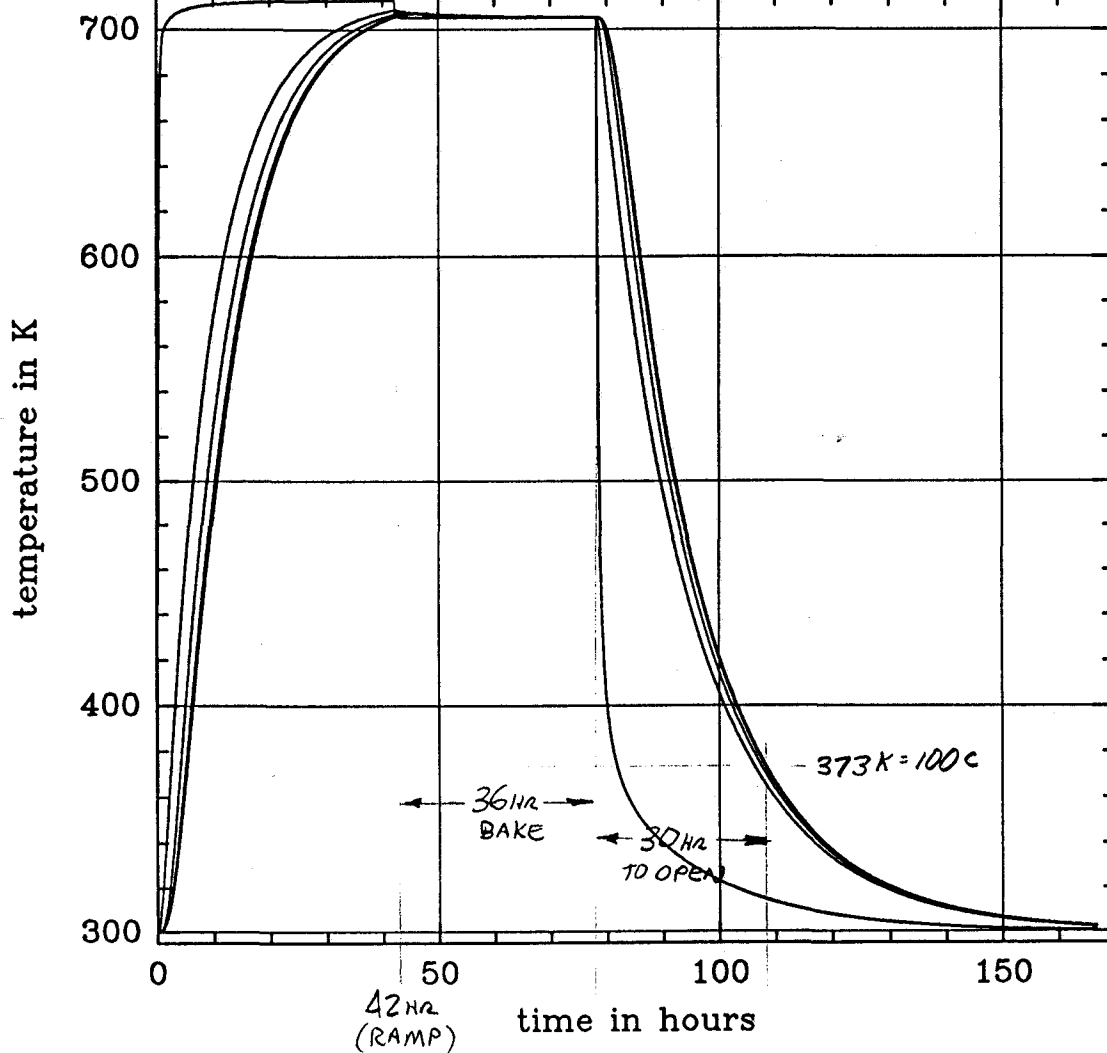
1. There are two plots, one with circulating air and one with static air.
2. Both plots assume a 300K coil is placed in a 713K oven. The oven temperature is reduced to 705K when the core of the coil reaches 705K.
3. Curves are shown at 25%, 50%, 75%, and 100% depth into the coil.
4. Rai has recommended that the coils stay in the (dry) oven until the temperature reaches 373K (100C). Calculated elapsed time is shown.
5. I can send you better copies if you wish.

collitherm 713K oven set 705K for 36 hours; T at 0.0, 25, 0.5, 0.75, 1.0 depth into coil; Fri Jan 21 01:34:30 1984



OVEN W/ CIRCULATING AIR

coltherm, 713K oven, 705K set 36 hours at set 300K ambient T at 0.25, 6.75, 1.0 depth into coil static air; Fri Jan 21 00:15:18 1994



OVEN W/ STATIC AIR