

The number and sizes of the emulated DOS 3.3 volumes (disks) created by the IN#s command depends on the amount of RAM available on the RamFactor card. Use the chart, below, to determine the number and size of your DOS 3.3 RAMdisk volumes.

RamFactor Memory Size	Number of Drives	Drive Size	Maximum Files Per Drive
256K	1	140K	105
512K	1	400K	217
768K	1	400K	217
1024K	2	400K	217

These RAMdisk volumes are just like initialized DOS 3.3 DATA disks. They can contain information, even programs, but they can't be booted until you copy the DOS 3.3 operating system to them as described next.

Bootling from the DOS 3.3 RAMdisk

Install the DOS 3.3 operating system to the RAMdisk(s) using the INSTALL DOS program on the RamFactor DOS 3.3 Utilities disk.

- 1) Boot the disk in your startup drive
 - 2) Select the "Install DOS 3.3 to RamFactor" option.
- ❖ *Note:* (The INSTALL DOS program can also be executed from Applesoft BASIC by typing BRUN INSTALL DOS at the BASIC prompt.)

The program automatically finds the RamFactor card and installs the DOS 3.3 "boot tracks."

After DOS 3.3 is installed, the RAMdisk can be booted just like any DOS 3.3 volume. Use the PR#s command from the BASIC prompt.

If you have an Enhanced Apple //e and your RamFactor is in slot 7, use can use either PR#7 or Control-Open-Apple-Reset to reboot the DOS 3.3 RAMdisk. (Non-enhanced Apples will not boot from a RAMdisk card using the Control-Open-Apple-Reset method.)

- ❖ *Note to IIGS and Enhanced //e Users:* One of the features of the Apple IIGS and Enhanced Apple //e enables it to boot from a RamFactor card. When you turn the computer on, you can automatically boot into your favorite program in the wink of a eye.

//e Users: If the RamFactor card is installed in a slot numerically higher than the first disk drive interface card (i.e. slot 7), the active bootable partition can be booted just like a conventional disk drive.

IIGS Users: Boot from the RamFactor in any slot (except 3 and the Memory Expansion Slot) by setting your startup slot in the Control Panel Menu. (See your *Apple IIGS Owner's Guide* for details.)

RamFactor 4 Meg Expander

The RamFactor 4 Meg Expander connects directly to the RamFactor board "piggyback" fashion. Its sole purpose is to add memory to the RamFactor card; it is not a stand-alone card. The Expander can hold 1, 2, 3, or 4 Megs of memory. It's about the same size as the RamFactor card but can hold more memory because it uses 1 Meg DRAM chips instead of 256K chips.

Call Applied Engineering Sales (214-241-6060) or contact your *AE* dealer to order or for more information.