For applications based on the Mapping 500K probe array, use only ovens that bear the label “Approved for 500K” on the front of the oven.

This label confirms that Affymetrix has successfully performed a validated calibration procedure on the oven using traceable temperature measuring probes specific to the needs of the Mapping 500K array.

Do not attempt to monitor the thermal performance of the oven using non-Affymetrix temperature probes. Affymetrix calibrates the temperature profile at the factory to ensure proper operation.

Do not adjust the position of the inlet vent louver located on the floor of the oven.

The metal tab must be oriented approximately 15° as shown.

The vent louvers must be directed towards the oven front door panel.

For light sensitive reagents, cover the front glass from the outside only.
Quick Reference Card

Hybridization 640 Oven Best Practices

This quick reference card was developed to aid in the proper use of the hybridization 640 oven.

Never stack ovens.

Place ovens away from air conditioning units.

Ensure proper amount of free space around oven.

Balance the carousel as best possible using filled or unfilled probe array trays.

Use a tray retainer (p/n 100-0026) to secure the probe arrays.

Allow for adequate air flow, i.e., do not block the vent.