

# VC5090 with Touch Screen Heater

## Information Notice

This notice applies to:

- VC5090-MA0QM0GH8WR
- VC5090-MA0TMQGH8WR

The above VC5090 configurations include a heater incorporated into the touch screen designed for applications where a VC5090 will be moved in and out of a cold room or freezer environments. The heater is used to prevent condensation and frost buildup on the outside of the touch screen. The VC5090s with the touch screen heater have a light blue Quick Access Panel overlay (instead of a grey overlay on standard configuration).

When the VC5090 moves from a cold or freezer room environment into a warmer environment, condensation can form on the outside of the VC5090 when it crosses the dew point. This condensation can then freeze if the VC5090 is returned into the cold room or freezer environment. Condensation inhibits visibility and functionality of the touch screen. The touch screen heater prevents this from occurring.

- All VC5090s should be powered on in an environment above 0° C (32° F). When the VC5090 is powered on the touch screen heater starts to warm up.
- The touch screen never feels hot to the touch but can become warm over time.



**NOTE** Allow 15 minutes for the VC5090 touch screen to warm up prior to entering a cold room or freezer environment.

- Upon entering a cold room or freezer environment, the touch screen heater prevents frost from forming on the outside of the touch screen.
- The VC5090 can stay in the colder environment for any length of time as long as it is still powered on.
- Upon returning to the warmer environment, the touch screen heater prevents condensation or quickly dissipates any condensation that might form on the outside of the touch screen. This prevents any moisture from freezing on the outside of the touch screen when the VC5090 returns to the colder environment.



**NOTE** Wait 20 minutes before returning to the colder environment to ensure that any condensation has dissipated.

- Even while in the warmer environment, the VC5090 must remain powered on for the touch screen heater to function properly during usage. If the VC5090 is powered down, power on the VC5090 and allow 15 minutes for the touch screen heater to warm up prior to entering a cold room or freezer environment.

## Service Information

If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Zebra Support at: <http://www.zebra.com/support>.

For the latest version of this guide go to: <http://www.zebra.com/support>.



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