

### MilkBox VS. Cooler Experiment



The purpose of our experiment was to see if our MilkBox product offers the same cooling capabilities as standard coolers often offered to dairy home delivery customers. For this trial we used one freezer pack, a carton of ice cream, a one gallon carton of milk, and a bag of frozen vegetables to closely resemble products and temperatures that may commonly be used in dairy home delivery. One of each item was placed in our MMB850 MilkBox and one of each item was placed in a cooler of comparable size. The room temperature and the “inside the box” temperatures were monitored for both the MilkBox and cooler over a six hour period. The results show that our Milkbox maintains cool temperature just as well, if not slightly better than standard coolers used in the dairy home delivery industry. The coolers average temperature over the 6 hour period was 45.9°F while the MilkBox had an average temperature of 43.3°F. The “inside the box” temperature of our MilkBox rises approximately 0.8° every 30 minutes.

