



# P18347: BABY STROLLER WITH HEATING SYSTEM

## TEAM CLIMATE CONSTROLLER



### PROJECT OVERVIEW

- Baby stroller with heating capabilities to assist families living in cold weather climates
- Design creates a contained and controlled environment that is able to protect children and keep them warm on the coldest winter days

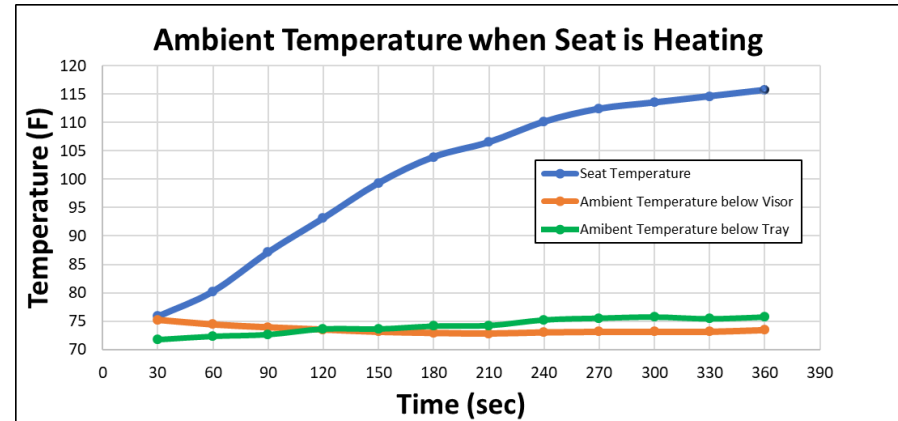


### ELECTRICAL DESIGN

ELECTRICAL SPECIFICATIONS	
Heating Element	28 AWG Nichrome Wire
Temperature Operating Range	75°F to 109°F
Battery Life	2 hours
Heater Output	78 Watts

### SYSTEMS DESIGN

### RESULTS



**FUTURE PLANS:** Next fall, a follow-on MSD team will add a cooling system to the stroller for families in warm weather climates

Potential design

Testing

Completed stroller