

# SimOps Thermal Analysis

**Job:** Cube

**Date:** 2025-12-28 16:52

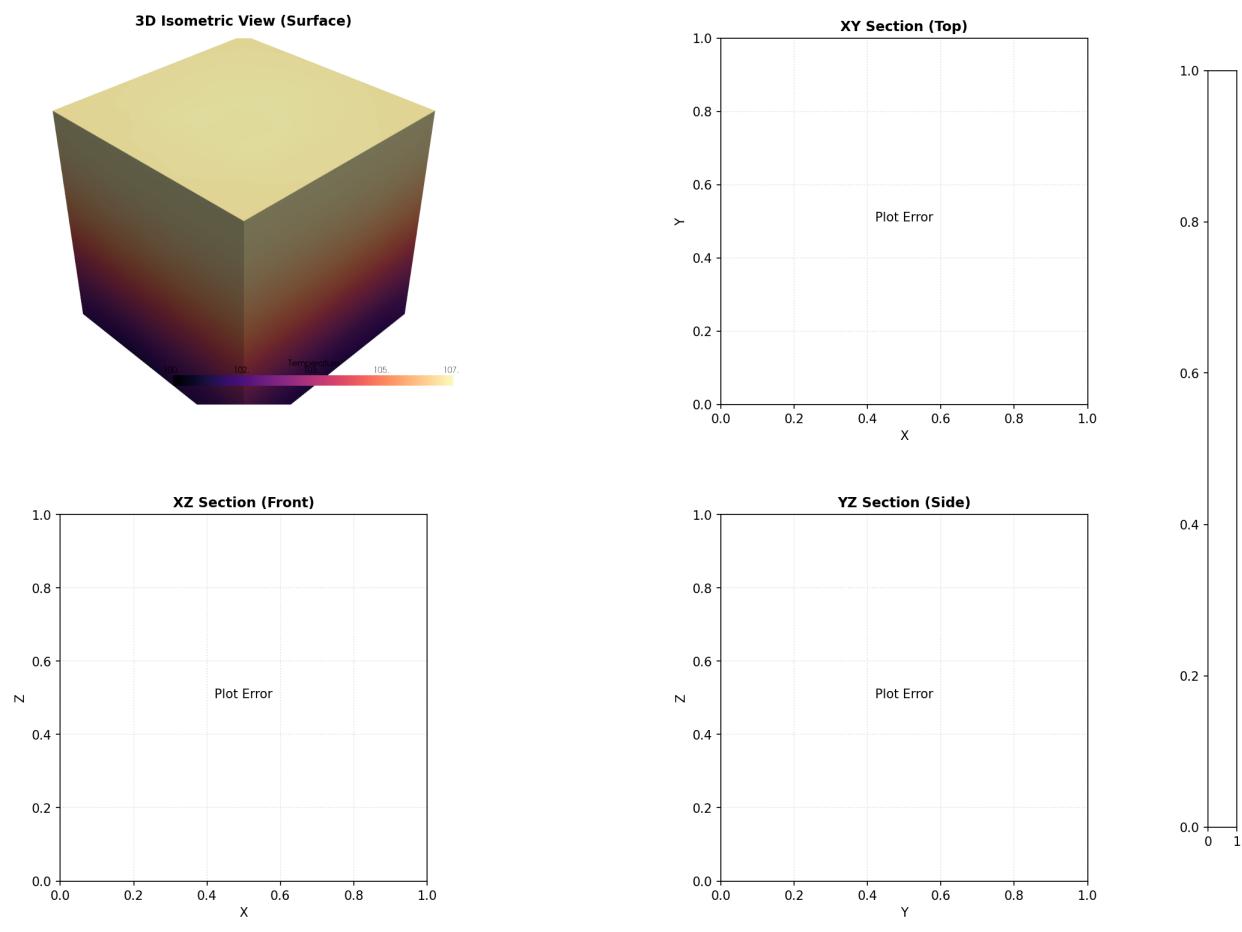
## SIMULATION STATUS: PASS

Metric	Value
Strategy Used	MedFi_Robust
Max Temperature	106.7 °C
Min Temperature	100.0 °C
Range (Delta T)	6.7 °C
Mesh Elements	1,352
Solve Time	0.11 s

## Thermal Distribution Maps

## Sim Results - Cube

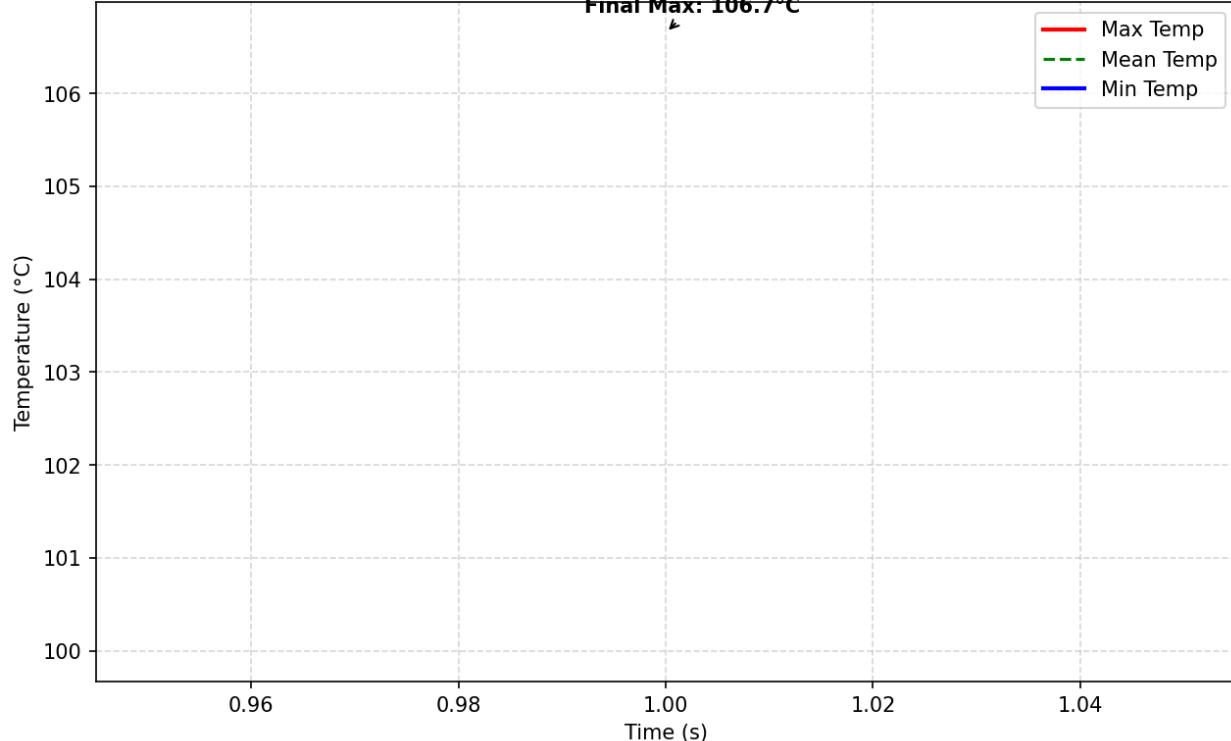
Material: Aluminum 6061 | Ambient: 25°C | Source: 100°C |  $h=5.0 \text{ W/m}^2\text{K}$



Solver: CalculiX v2.21 (FEM) | Mesh: 1,352 Elements | Solve: 0.1s | Transient (Final dT: N/A°C) | Flux: 3.1W

## Transient Response: Cube

Final Max: 106.7°C



Generated by SimOps Autonomous Pipeline  
Confidential - 2025