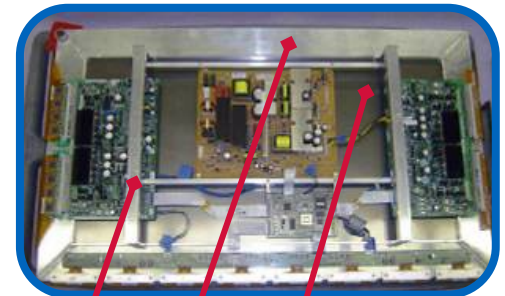


# CHOP™ CHASSIS OPTIMIZATION THERMAL SOLUTIONS FOR DISPLAYS

CHOP programs offer an innovative approach to optimizing chassis design, by combining structural elements with SPREADERSHIELD material.

- Significant performance improvement
  - Lower average and max temperatures
  - Improved luminosity
  - Reduced image sticking
- Eliminates manufacturing step
- Weight reduction
  - 10-15 lbs lighter (42" PDP)
- Cost savings of \$10-20 per 42" PDP in materials alone

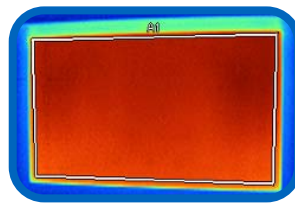


SubChassis

Frame

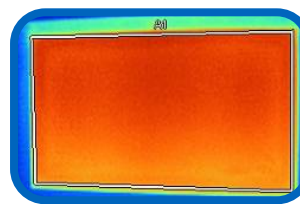
CHOP™ designs include the subchassis, frame and SPREADERSHIELD components.

## PROVEN RESULTS



BASELINE

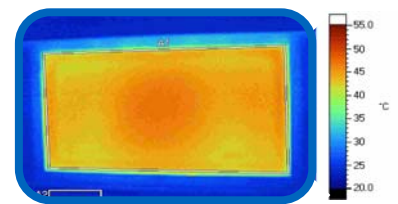
Weight: 23.9 lbs



WITH CHOP

Weight: 12.6 lbs

- **REDUCED WEIGHT BY 47.3%!**
- **REDUCED AVG AND MAX SCREEN TEMP BY 3.5°C!**



WITH CHOP AND FANS

Weight: 13.0 lbs

- **REDUCED AVG SCREEN TEMP BY AN ADDITIONAL 4°C!**

Email us at [egraf@graftech.com](mailto:egraf@graftech.com) to request a sample today!