



AP DYNAMICS engineering

THERMAL ENGINEERING

Solving Tough Engineering Problems

AP DYNAMICS provides a complete range of **Thermal Engineering Services** to **optimize performance, efficiency, environmental impact and safety** of your heating and cooling systems.

Our highly skilled engineers allow for solutions to **understand** and to **predict** the **physical behavior** of complex systems. We offer **high quality, cost-effective** and **client-oriented** project services using proven and **state-of-the-art Simulation** techniques.

TYPES OF ANALYSIS

- ✓ Heat Transfer
- ✓ Combustion
- ✓ Pollutant Emissions
- ✓ Heat Loss
- ✓ Conjugate Heat Transfer
- ✓ Transient Thermal Analysis
- ✓ Phase Change and Boiling
- ✓ Thermal Fluid Structural Interaction
- ✓ Thermal Analysis in Porous Media

TYPICAL APPLICATIONS

- ✓ Heat Exchangers
- ✓ Steam Generators
- ✓ Furnace
- ✓ Compressor Intercoolers
- ✓ Gas/Buried Pipelines
- ✓ Building HVAC System
- ✓ Data Center Cooling
- ✓ Electronic Cooling System

