

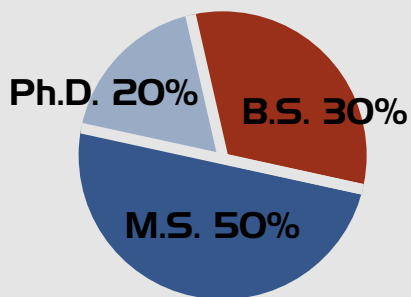
Core Expertise

- Evaporative Spray Cooling
- Thermal Energy Storage
- Miniature Refrigeration Technology

Engineering

- Fundamental and Applied Research and Development
- Thermal Management Engineering Solutions
- Engineering Analysis and Modeling
- System Design, Packaging and Prototype Fabrication
- System Performance and Qualification Testing Services

Staff



Facilities & Equipment

- 12,000 Square-foot Facility
- Test & Instrumentation Equipment
- CNC Machines and other Prototype Fabrication Equipment
- Extensive Suite of Engineering and Analysis Software

RINI Technologies provides innovative solutions to the toughest thermal-management challenges. The company specializes in advanced Evaporative Spray Cooling (ESC), Thermal Energy Storage (TES) and miniature refrigeration systems. Applications include high-power lasers, power electronics, and personal cooling.



Founded in the spring of 2000, The company got its start winning competitive contracts through the Small Business Innovation Research (SBIR) program. With customers such as Army Natick Soldier Center, Air Force Research Laboratory, Office of Naval Research, the Defense Advanced Research Projects Agency, and more, RINI Technologies is well known and respected in the advanced thermal management industry. RINI Technologies provides solutions to Tier 1 government contractors such as Lockheed Martin, Raytheon, and SAIC and has successfully executed over 30 contracts for thermal-management programs with the Federal government. In all cases, RINI delivers solutions that solve customer issues while reducing size, weight, and power requirements.

Staff

The thermal management technologies employed by RINI Technologies require special skills, training and experience base. With a mix of key employees holding advanced degrees in their respective fields of expertise, RINI Technologies works closely with the academic community to groom a qualified work force. RINI Technologies staff has many specialty skills in fluid mechanics, heat transfer and thermodynamic analysis and modeling, advanced materials, heat exchanger design, refrigeration technology and systems integration. In addition, RINI Technologies has a dedicated machine shop for rapid prototyping and precision manufacturing and assembly.

Facilities

RINI's office and research laboratory is located in Oviedo, Florida approximately one mile from the University of Central Florida. The 12,000 square foot facility provides flexible space for the administration, engineering, research and development, integration and rapid prototyping; with 6,000 square feet of laboratory space with a fully equipped machine shop.

Contact RINI Technologies today to discuss how its engineers can address your cooling concerns with a complete system solution.

