



Revolutionizing TF-TEC heat pump

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- Founded : 2023
- HQ : Israel
- 2 patents on process
- Two operating demo system
- IIA and Hyundai granted
- VC investment secured
- Connected to major market players with signed LOI's and MOU's, executing pilot projects.

Founders

Dr. Joseph Kaplun- CTO

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Ziv Cohen - COO

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Ariel Popper - CEO

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Markets

Fits to any need, like:



GPU, CPU, LED



Sensors



Servers



Automotive

Problem

Temperature control is indeed a significant industrial challenge. Current solutions, such as A/C or vapor chambers, are becoming outdated and suffer from inherent issues like efficiency, precision, energy consumption, wear and tear, complexity, and more. Additionally, there is no active solution that effectively meets the needs of modern electronics. The industry is in urgent need of superior alternatives.

Solution

Revolution in active cooling/heating solution

SolidT, invented a revolutionary solid state temperature control system. This system empowers precise regulation of temperature for various components, such as batteries, CPU's, MMIC's LED, – all achieved without the need for traditional compressors and their associated systems.

SolidT's groundbreaking technology promises to streamline temperature control systems by simplifying complexity, shedding excess weight, and enhancing reliability. This innovation not only elevates efficiency and precision but also significantly slashes manufacturing costs and operational expenses.

Performance – Reliability – Flexibility – Simplicity – Localize - Cost – Environment

Business model

Joint ventures. Licensing. Production and sale.



Next generation solid state, high performance, thermoelectric heat pump