Next Generation Green AC Systems

No Freon.

No Compressor.

No Flammable Refrigerants.

Keith Franklin, CEO

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www.CoolSound.net

Cool Sound

THERMOACOUSTICS

Problems with Current AC Systems

Freon is Bad
For the Environment

AC Refrigerants
are Flammable

Requires Annual
Maintenance

Consumes ~40%
Of Home Electricity

Systems May Fail
After Warranties End

Why Cool Sound Now?

New Regulations
Seeking Green Technology

Freon Banned in 2025
For All New AC Systems

No Flammable Refrigerants
Safety concerns in HVAC

Cooling Demand Rising
Due to Global Warming

Increasing Electricity Costs
Driving demand for efficiency

Lack of Innovation
In the HVAC Industry

Thermoacoustic Solutions

Thermoacoustics Uses Sound Waves
That Create a Cooling Effect

Completely Eliminates
Freon, Compressors & Flammable Refrigerants

Consumes Less
Electricity

Rarely Requires
Maintenance

Top Professors
Penn State, Purdue, & UT Dallas

Applied Research Laboratory
Working with Dept of Defense and US Navy

Proven Technology, Revolutionary Application

- **NASA (STS-42 January 1992)**
- **US Military, US Navy**
- **Department of Energy**
- **Los Alamos National Lab**
- **Cooling Components on Satellites and Submarines**
- **Refrigerators, Freezers**
- **Ben & Jerry's**

Ice Cream

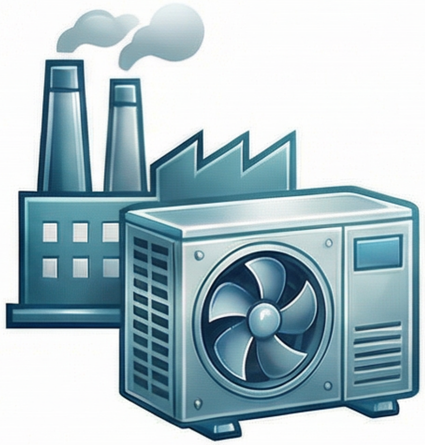
Thermoacoustics is already used where reliability and performance are non-negotiable.

For cooling sensitive components on satellites and advanced hardware.

Used in cooling systems on submarines where reliability is paramount.

Pioneering research and development for high-efficiency energy systems.

Competitive AC Marketplace



Traditional HVAC Companies

Carrier, Trane, Lennox, Rheem, Goodman, Armstrong Air

Energy Efficiency Players

Mitsubishi, Daikin

Emerging Green Tech

Startups
Not Yet Viable

Cool Sound
THERMOACOUSTICS

Thermoacoustics

Cool Sound Industries, Inc.

Our Team is Passionate About Engineering & Innovation

Cool Sound THERMOACOUSTICS

Keith Franklin, CEO

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Vice President

Yuriy Shirokikh
Chief Financial Officer

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Advisor, Research & Business Development

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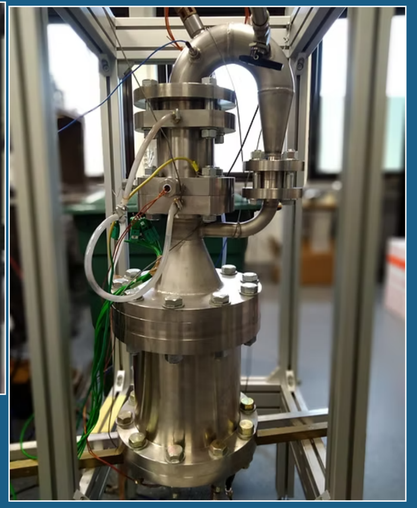
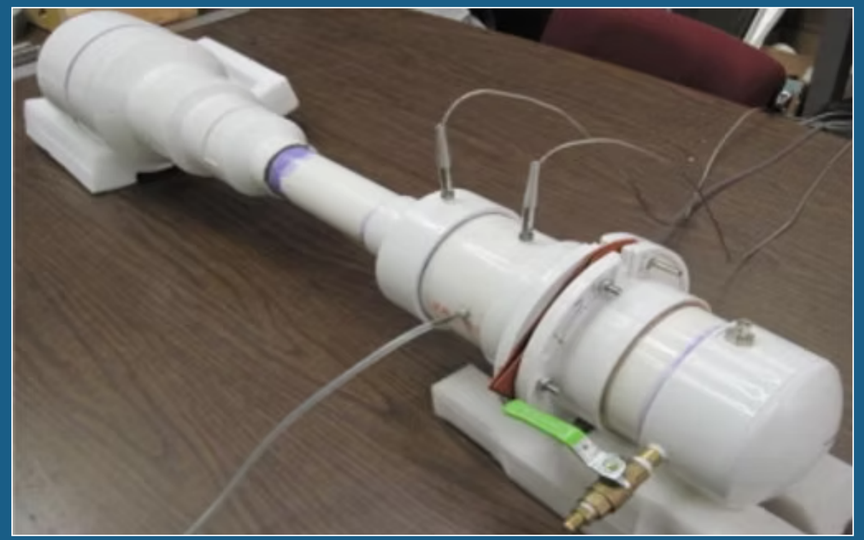
Thermoacoustic Prototypes





Business Strategy

1

Intellectual Property

Build proprietary improvements and enhancements for patent protection, creating multiple layers of IP defense.

2

Prototype Validation

Prove technical viability, establish reliability standards, and achieve continuous efficiency improvements.

3

Market Credibility & Commercialization

Demonstrate safety compliance and performance excellence for strategic licensing or manufacturing partnerships.

Two Revenue Paths

Licensing

Strategy

License CoolSound's thermoacoustic technology to major HVAC manufacturers

Target Customers

Economics

Royalties ~3-4% of OEM net sales (based on licensing averages)

Key Benefit

Enables rapid global adoption through licensed OEM manufacturing and distribution companies

Manufacturing & Direct Sales

Strategy

Sell complete CoolSound AC Units directly to customers

Target Customers

- Homeowners
- Commercial buildings seeking high-efficiency cooling (LEED*)
- Industrial facilities

Economics

Net margin of ~10-25% (based on industry historical net margins)

Key Benefit

Greater control over product quality, customer experience, and long-term brand value

* Leadership in Energy and Environmental Design Certification

Multi-Billion Dollar Global HVAC Opportunity

Total Addressable Market (TAM)

$241.5 Billion

Global HVAC systems market

Projected to grow to ~$446B by 2033

Service Addressable Market (SAM)

$11.4 Billion

North American air conditioning systems market

Projected to grow to ~$16B by 2033

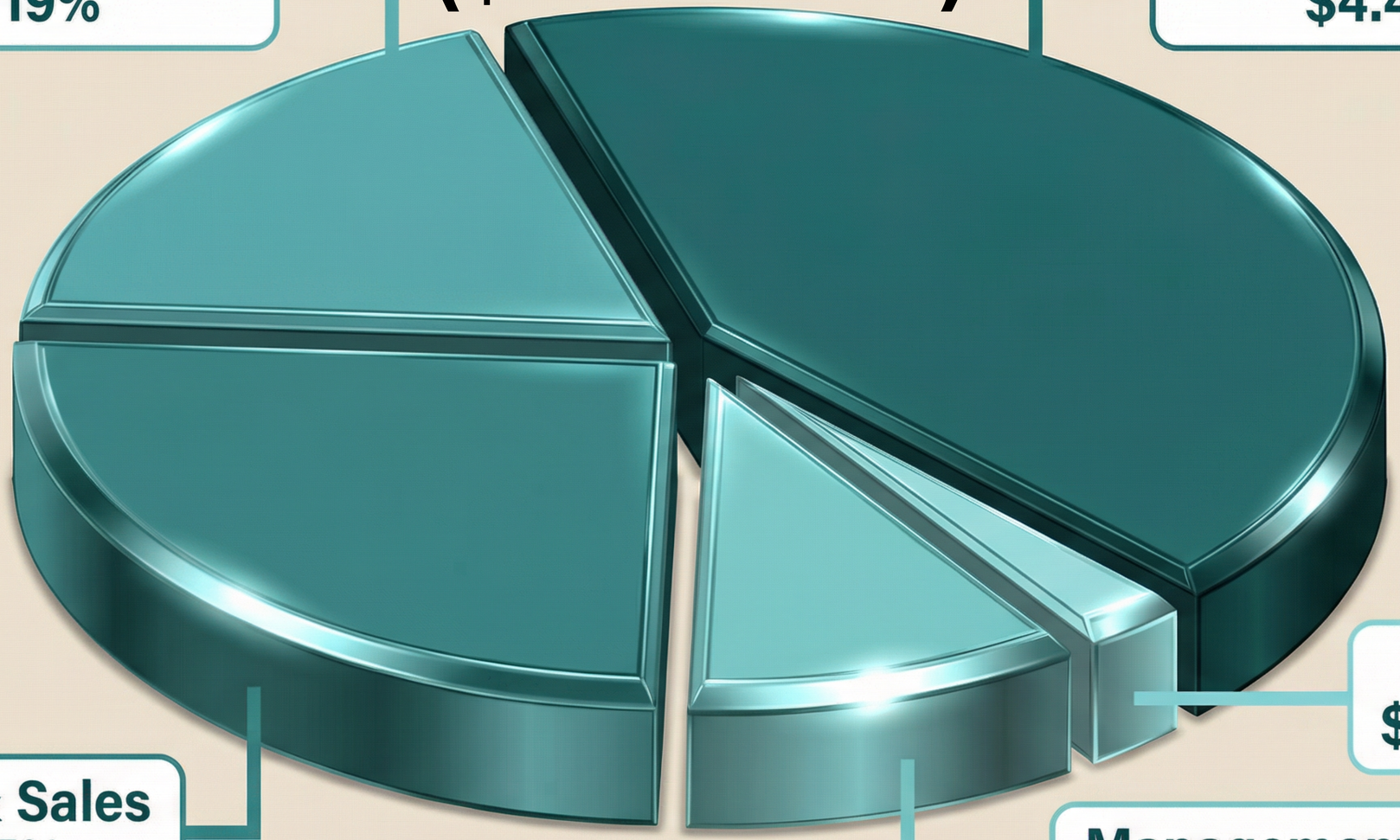
Service Obtainable Market (SOM)

$114 Million

1% of SAM – achievable in 3-5 years

Primary focus: residential air conditioning

Use of Proceeds ($10 Million)



Equipment & Materials
$1.9M 19%

University Professors
$4.4M 44%

Patents
$0.25M 2.5%

Management
$0.95M 9.5%

Marketing & Sales
$2.5M 25%

Note: Collaborating with our universities, we estimate that the use of their buildings, equipment and security measures, among other resources, will save Cool Sound approximately $15 million which would otherwise need to be funded by investors.

SEEKING CAPITAL PARTNERS

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