

SVIZONA Industrial Solutions



Cut Costs, Not Comfort
Slash HVAC Bills by 20%



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SOLUTIONS



ARTICMASTER



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Since 2017, SVIZONA is a diversified provider of innovative solutions & services for the Industry

We are driven by a vision to harness technology for positive global impact. We imagine a future where advanced innovations are accessible to all, improving lives, creating new opportunities, and supporting sustainable development.

Specializing in the energy, infrastructure, utilities, and Oil & Gas sectors, we delivers cutting-edge products and solutions. We have earned a reputation as a trusted partner committed to innovation and sustainability.



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Our Mission

Our mission is to harness the power of technology to drive innovation and sustainability

Our Vision

We aim to be a global leader in innovative industrial solutions, transforming industries through sustainable practices and cutting-edge technology, while empowering our partners and communities to achieve a better future

Our Values

We focus on innovative industrial solutions, emphasizing innovation, sustainability, and quality. We prioritize customer needs, maintain integrity through ethical practices, and foster collaboration.



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We Provide Innovative Industrial Solutions

Articmaster's patented Refrigerant Optimization System (ROS) significantly boosts HVAC performance.

It slashes energy use and operating costs while making your equipment last longer. This proven global technology is ideal for the UAE's extreme heat, where air conditioning accounts for 60 to 70% of energy consumption.

SVIZONA is committed to responsible and sustainable business practices prioritising environmental, Social, and Governance (ESG) considerations.

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Our Services

20% Power Saving



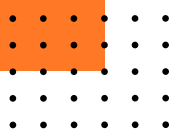
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Cut your HVAC power costs by approximately 20% with our breakthrough solution. Engineered for both new and existing systems, it boosts performance, reduces electricity bills, and supports your sustainability goals—all with minimal upfront investment.



Our services includes but not limited to:

- Site visit and Evaluation
- Design and implementation
- Installation & commissioning
- Operation and Maintenance
- Long term service agreement





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About Articmaster

Articmaster, Inc., an energy efficiency company that deploys intelligent IOT designs, and markets a family of proprietary products that improve the efficiency of cooling and refrigeration systems by about 20%.

The technology focuses on refrigerant optimization, IOT components and intelligent software. The technology is retrofit-able to the large installed base of refrigerant-based equipment as well as new equipments. Technology is patented.

Milestones achieved

- Successful installation and operation of 4 products.
- Addresses both Heat Absorption and Rejection
- Data Center Installation
- Telecom Installations
- Industrial Installations
- Independently Installed and tested by Trane
- Works on 1.5 to 500 Ton AC & Chiller Equipment



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The Solution

Highlights



Easy installation provided



Static passive device



No maintenance necessary



100% mechanical device



Less than 3 years payback period



Reliable and consistent delivery of performance



Suitable for most capacities



Suitable for all types of refrigerants

- The only Refrigerant Optimization System
- No moving parts
- No electricity needed
- Retrofittable to most refrigerant-based AC & Refrigeration units
- Products improve AC & Refrigeration efficiency to provide better cooling with less energy
- Extends equipment's life span



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Benefits



01 Power Savings

- Leading to smarter and more cost-effective building management.

02 Efficiency

- Our advanced system's solution improves existing HVAC efficiency by approximately 20%



03 Environmental Impact

- Minimize carbon foot print by decreasing energy usage and carbon emissions.

04 Reliability

- Experience less downtime and more consistent operations with an efficient HVAC system.



05 Equipment Longevity

- Extend the lifespan of your HVAC components by operating them efficiently.

06 Reputation Enhancement

- Showcase commitment to efficiency and occupant well-being to attract clients who value sustainability.





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Business Model

Start with minimal upfront cost; pay through a portion of the energy savings each month.

The Challenge and Our Solution

Electricity costs are steadily increasing due to higher generation costs, peak demand charges, smart meters, and tiered pricing structures. For businesses, especially in warm climates, air conditioning and refrigeration systems account for 50% to 70% of total electricity usage. Reducing energy consumption in these areas is critical to improving the bottom line.

Our solution delivers proven power savings of about 20% by enhancing the efficiency of air conditioning systems—either by increasing cooling output or by reducing power consumption. It is compatible with both existing systems and new installations, making it a versatile and cost-effective option for long-term savings.



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Competitive Advantage

Leveraging our advanced refrigerant optimization technology, integrated IoT components, and cutting-edge intelligent software, we deliver a competitive advantage across five key dimensions:

- The sole refrigerant optimization system on the market.
- Unique, effective IoT components that offer real-time, remote control and adjustability.
- Integrated cognitive AI software for intelligent system management.
- Compatible with both existing installations and new HVAC systems.
- Delivers continuous improvements in AC efficiency.

Our refrigerant optimization technology is protected by seven granted patents.



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Market Size & Opportunity

With over 180,000 buildings in the UAE—including malls, hospitals, hotels, residential towers, offices, and industrial facilities—the market potential is immense. Retrofitting existing HVAC systems and improving energy performance can yield fast ROI, especially with our solution delivering 20% power savings.

The UAE's harsh climate and escalating electricity costs have made HVAC systems responsible for over 60% of energy consumption in most buildings. As the government pushes for greater energy efficiency—driven by initiatives like the **UAE Energy Strategy 2050**, which aims to cut building energy use by 40%—the demand for HVAC optimization is rapidly increasing. Our solution, offering 20% power savings with minimal upfront investment, is well-suited to meet this need, helping commercial, residential, and industrial sectors lower energy costs while achieving sustainability targets.

Our solution empowers customers to achieve significant power savings with minimal upfront cost. It seamlessly integrates with both existing and new HVAC systems, delivering quick returns and long-term value in today's cost-sensitive and sustainability-driven market.



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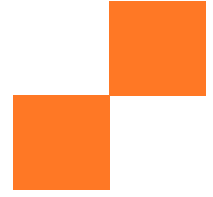
Key References

Client	Make	Capacity	Condensor	Efficiency Improved
Diwan Palace (Dubai)	Trane	15 TR (3x)	Air cooled	22.8%
DEWA (Dubai)	Carrier	230 TR (2x)	Air cooled	22.03%
Joint Operations (Kuwait)	Petra	40 TR	Air cooled	23.76%
International CAP (Dubai)	Trane	400 TR	Air cooled	23.32%
Ajal Petroleum (Kuwait)	Duxon	1.5 TR	Air cooled	25.7%
Citi Bank (Singapore)	RC	26 TR	Air cooled	21.2%
Citi Bank (Malaysia)	Liebert	11 TR	Air cooled	36.9%
Magneti Maralli (India)	Blue Star	106 TR	Air cooled	26.4%
Akzo Nobel (India)	Kirloskar	85 TR	Air cooled	27%
Visteon Automotive (India)	ETA	44 TR	Air cooled	23.3%
Wickramaratne Sisilco (Srilanka)	Bitzer	20 TR	Air cooled	26.1%
ELGI Equipments (India)	Daikin	12.5 TR	Air cooled	24.9%



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Technical Support



We have a dedicated in-house team of experts, offering round-the-clock services to ensure that our clients are satisfied from project inception until its final completion.

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Empowering Innovation