

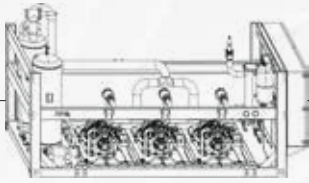


rime.

ENGINEERED TO ENDURE
MANUFACTURED FOR SUCCESS

Company Profile

REFRIGERATION, INSULATION, HVAC, PRODUCTS & SOLUTIONS



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TO ENDURE
MANUFACTURED
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ABOUT US

rime manufactures refrigeration products for commercial and industrial sectors worldwide. The extensive product range includes heat exchangers, condensing units, multiple compressor racks, evaporators, cold room doors, HVAC copper products, and more. Strategically located in the UAE, rime ensures efficient distribution and timely deliveries, driving growth and excellence in the HVAC and refrigeration industry. Our headquarters is based in Jebel Ali Free Zone, Dubai.

MISSION STATEMENT

We strive to deliver high-quality, cost-effective refrigeration solutions focusing on advanced manufacturing and assembly. We aim to provide superior products and exceptional service, ensuring a seamless customer experience and ongoing support.

VISION

To lead the HVAC and Refrigeration industry from the GCC to the global stage, setting the benchmark for cost-effective and innovative solutions. Through advanced manufacturing and assembly practices, we strive to pioneer cutting-edge technologies that optimize energy efficiency, minimize environmental impact, and make a significant, positive difference worldwide.

CORE VALUES

Responsiveness: We value responsiveness in our interactions with clients, partners, and team members. We prioritize open communication and timely actions to address their needs efficiently.

Integrity: It is at the core of our business. We uphold ethical practices, transparency, and honesty in all our endeavors, building trust and long-lasting relationships with our stakeholders.

Mindfulness: Extends to our workplace culture. We are committed to fostering a supportive and inclusive environment where employees' well-being and personal growth are prioritized, ensuring a positive and collaborative work atmosphere.

Empowerment: We believe in empowering our team members to foster creativity, growth, and professional development. We encourage collaboration and foster an environment where everyone's ideas and contributions are valued.

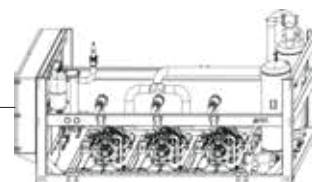
TEAM OF EXPERTS

Highly skilled HVAC & refrigeration engineers, technicians, and industry professionals drive our success. We believe in delivering top-notch products and offering exceptional service to valued customers. Our expertise includes:

Tailored Solutions: We understand diverse challenges in sectors like food and beverage, logistics, pharmaceuticals, and more. Our team can optimize efficiency, product integrity, and cost-effectiveness.

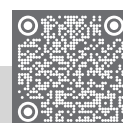
Sustainable Practices: Our team focuses on energy efficiency solutions, following environmental standards, and ensuring a more sustainable future.

Client Training: The Team's capabilities extend to training clients on optimal product usage, empowering businesses to excel



BUILD QUALITY

rime products are constructed with the utmost precision and durability. Every component, including heat exchangers, compressor racks, condensing units, evaporators, and cold room doors, is carefully designed, engineered, and manufactured using the latest industrial equipment. The factory uses state-of-the-art machinery, and each product is supervised by our highly skilled in-house engineers and technicians.



QUALITY COMPONENTS

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OEM HEAT EXCHANGERS

Condenser Coil

Evaporator Coil

Curved or Bended Coil

REFRIGERATION

Condensing Unit

Compressor Racks

Unit Coolers

INSULATION

Sliding Cold Room Door

Hinged Cold Room Door

HVAC PRODUCTS

Copper Products

Refrigerant Gas

Compressor

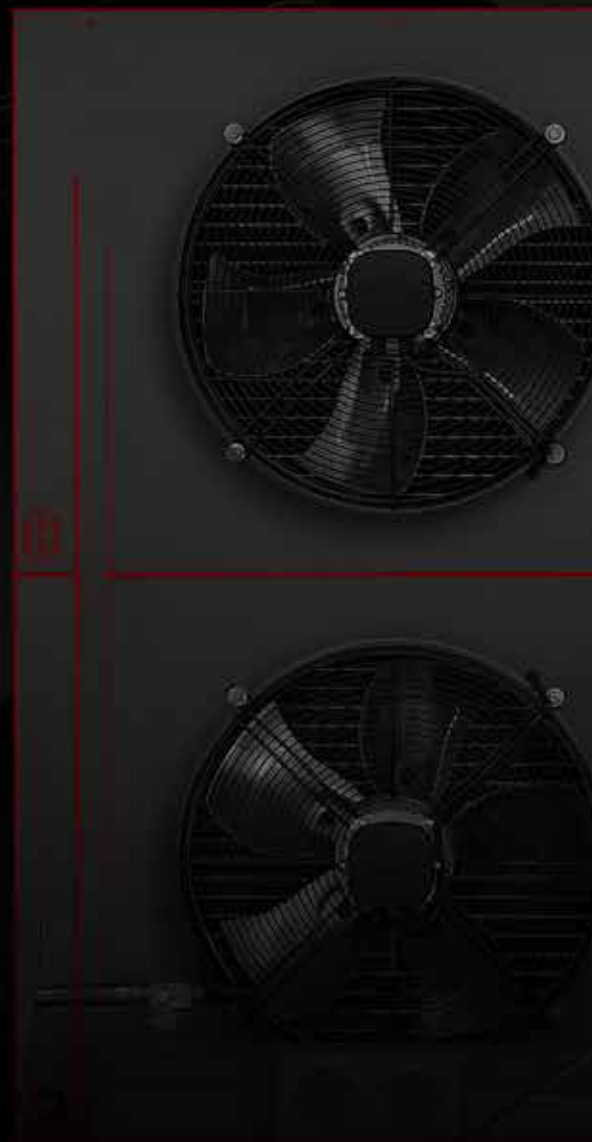
SPARE PARTS

Castel Parts

Harris USA Brazing Alloys

Packless Vibration Absorbers

ebm-papst Fans





OEM HEAT EXCHANGERS

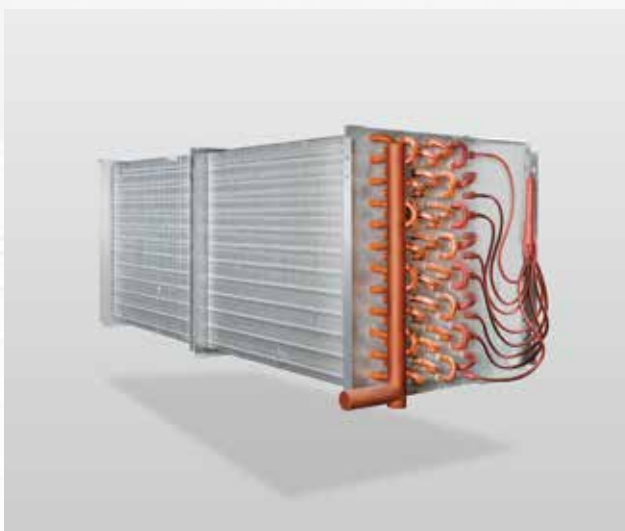


Condenser Coils

The condenser coil, a critical component in HVAC/R systems, efficiently cools refrigerants while facilitating the release of latent heat. This ensures the optimal functioning of cooling systems across diverse applications. Our team of engineers and HVAC/R professionals have the expertise to customize circuiting to meet specific heat transfer demands. Whether it's for air conditioning, refrigeration, or industrial processes, this level of customization enhances system efficiency and reliability, ensuring our products meet our client's unique needs.

APPLICABLE REFRIGERANTS

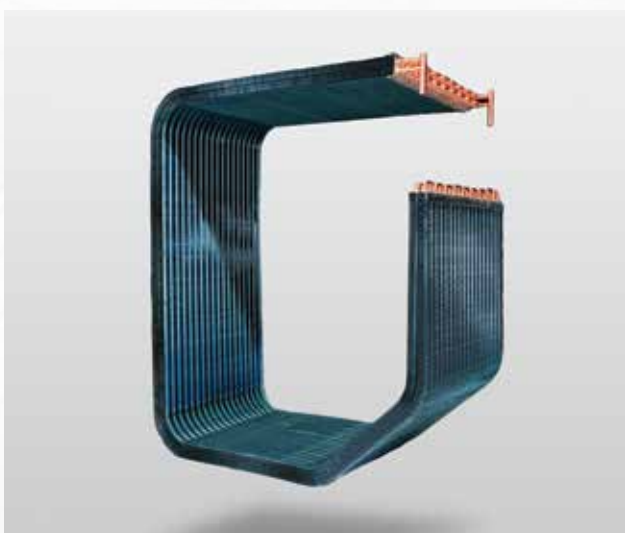
R134a · R404A · R407C · R410A · R1234ze · R1234yf · R290 · R32



Evaporator Coils

rime's evaporator coils are engineered for unmatched thermal performance and built for longevity. Utilizing advanced manufacturing processes and premium materials, these coils deliver exceptional durability and corrosion resistance, ensuring consistent and long-lasting operation.

Tailored solutions are available to optimize energy efficiency and reduce operational costs. Rime's evaporator coils embody innovation and reliability, setting the benchmark for quality in the HVAC/R industry.



Curved Coils

rime specializes in producing high-quality curved coils with one, two, or three bends designed to meet diverse HVAC & R requirements. These custom and OEM coils are engineered for durability and efficiency, with options for larger sizes to suit specific business needs. Our products include chilled water and direct expansion (DX) coils with copper tubes and aluminum fins, designed for efficiency and longevity. Using Unilab software, we ensure precise performance calculations for all coil designs. With global logistics, Rime guarantees timely deliveries and exceptional service worldwide.



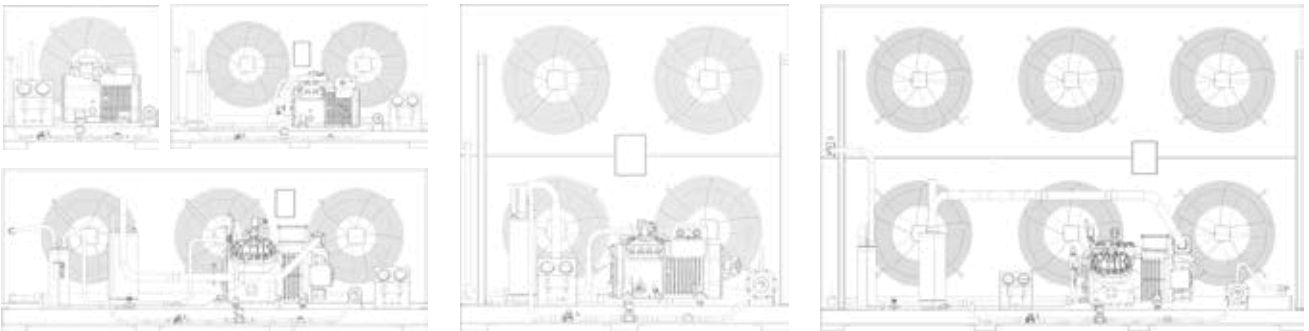
CONDENSING UNIT



L - Type Condensing Unit

rime condensing units are tailored for small to medium-capacity applications in commercial and industrial settings, including food and beverage industries, convenience stores, fuel stations, and cold storage rooms. Equipped with reciprocating compressors, they offer versatile cooling solutions ranging from blast freezing to medium and high temperatures. Available in configurations with 1, 2, 3, 4, or 6 fans, these units are ideal for conventional refrigeration systems due to their compact size, affordability, and ease of installation.

The units feature a rime copper-aluminum fin condenser, BITZER compressors with crankcase heaters, high-efficiency ebm-papst axial fans, and a liquid receiver. They are constructed on a robust open welded galvanized steel frame with a powder-coated finish.



V - Type Condensing Unit

The vertical or V-type condensing units are engineered for maximum efficiency and reliability. The vertical V-shaped design optimizes cooling performance while conserving valuable space, making them ideal for installations with limited room. These units are built to withstand tough environments and offer long-lasting durability and quiet operation. With energy-efficient engineering, they reduce operational costs and ensure precise temperature control. By minimizing energy consumption and maintenance needs, our vertical V-type condensing units provide significant cost savings and deliver dependable, environmentally friendly performance, even under demanding conditions.

These units are fully customizable to meet specific client requirements. They can be configured for more extensive capacity needs, ensuring optimal cooling performance in various commercial and industrial applications.



COMPRESSOR RACKS



Screw Compressor Racks

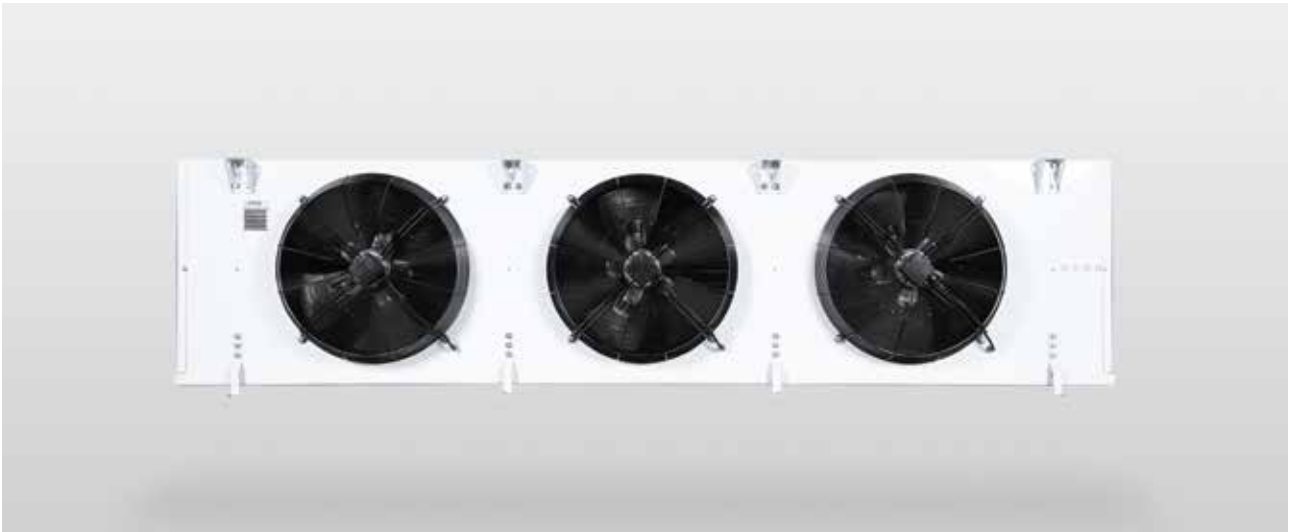
rime's screw compressor racks provide versatile cooling capacities from 20 kW to 700 kW, ideal for industrial applications like ice rinks and production areas. Using Bitzer HS screw compressors, they support medium-temperature cooling (30 kW to 700 kW) and low-temperature cooling (20 kW to 500 kW). With 2 to 6 compressors, they integrate with existing or Rime-manufactured condensers. Built on an open welded frame with double-deck construction, these customizable racks ensure efficiency, reliability, and enhanced security in larger refrigeration systems.



Reciprocating Compressor Racks

rime's reciprocating compressor racks, featuring Bitzer Ecoline compressors, deliver cooling capacities from 30 kW to 700 kW for medium-temperature (MT) and 20 kW to 500 kW for low-temperature (LT) needs. Ideal for cooling large warehouses and industrial spaces, these racks offer dependable performance in extensive refrigeration systems. Built on an open welded frame, they integrate with existing or rime condensers and include vital components like refrigerant filters, receivers, sight glasses, safety valves, and pressure switches. Each rack is fully customizable for reliable, efficient operation.

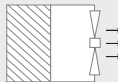
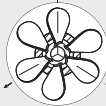




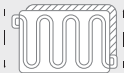
UNIT COOLERS

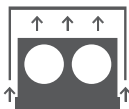


Overview

rime cubic draw-through unit coolers come with ebm-papst AC fans and are suitable for medium or low-temperature cold storage, commercial refrigeration, and industrial refrigeration. Their nominal capacities range from 1 to 70 kW.

Evaporators are available in three types of fin spacings: 4.5mm, 7mm, or 10mm, depending on their intended application. Standard models are equipped with electric defrost elements and can be customized to include air circulation upon customer request.

Technical Details		Capacity						
	Refrigerant	Te (°C)	Tr (°C)	FS=4.5 mm	FS=7 mm	FS=10 mm		
	• R404	-10	0	2.6 -72 kw	2.2-66.5 kw	1.8-64.7 kw		
		-8	0	2 -57 kw	1.6-50 kw			
	• R507	-25	-18		1.4 -40 kw	1.2 -38 kw		
		-35	-30			0.8 -23.5 kw		
	No. of Fans	Diameter		Available Defrost Type				
	 1	300mm		Electrical		Air Circulation		
	 to	400mm		<input checked="" type="checkbox"/> Coil <input checked="" type="checkbox"/> Tray				
	 4	500mm						
	 FANS	630mm						
	Heat Exchanger			Available Material		Components		
	Highly efficient with optimized tube and fin patterns				Tube	Fin	Casing	Tray
				Aluminum		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Fin Spacing			Copper	<input checked="" type="checkbox"/>			
	4.5mm 7mm 10mm			Galvanized Steel			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Hinged outer tray for easy access and maintenance.



Outer tray thermally decoupled to prevent water condensation.



Optimize energy efficiency, reducing costs effectively



Easy access to all components for convenient servicing and upkeep.



COLD ROOM DOOR



Sliding Door

rime’s sliding doors provide exceptional performance across various temperature applications, from +0°C for preservation to -40°C in freezing tunnels. Designed for cold rooms and access points that require large openings, the sliding doors excel in high-traffic areas where robust durability is essential. Their advanced construction ensures reliable operation in extreme conditions, combining high-performance thermal insulation with heavy-duty resilience. Ideal for environments demanding frequent use and substantial durability, our sliding doors offer a reliable and efficient solution for maintaining optimal temperature control while withstanding the rigors of intensive industrial and commercial applications.



Hinged Door

rime's hinged cold room doors are built to excel in preservation environments, withstanding temperatures as low as +0°C for chilling and down to -20°C for freezing. Their design integrates seamlessly into a range of commercial applications, including industrial facilities, supermarkets, hotels, and restaurants.

The doors offer flexibility and robustness, featuring a compact, adaptable, and lightweight structure that enhances operational efficiency. This technical design ensures reliable performance, easy maintenance, and optimal temperature control, making it an ideal choice for any cold storage needs requiring versatility and precision.

SPECIAL FEATURES

- Replaceable gasket base
- Numbering of parts and accessories to provide after-sales service
- Using a plastic bead for more cold insulation inside the cold room to connect the frame to the wall
- Double frame with a heating element channel
- Easy and fast adjustment without disassembly

OPTIONAL FEATURES

- The possibility of placing the element in the frame (in addition to the door gasket)
- The ability to place a sliding door rail cover
- It is possible to order the door with colored sheets and stainless steel 304 and 316
- Including a viewing window as part of the production process is possible.



COPPER PRODUCTS



Straight Length

Our UL-certified copper straight lengths are designed for R410A refrigerants, offering durability and a pressure rating of 700 PSI. Ideal for HVAC applications, they ensure reliable performance and are available in various sizes for versatile use.



Pancake Coil

rime's UL-certified copper pancake coils, rated for 700 PSI with R410A, provide flexibility and high performance in tight installations, making them perfect for HVAC and refrigeration systems.



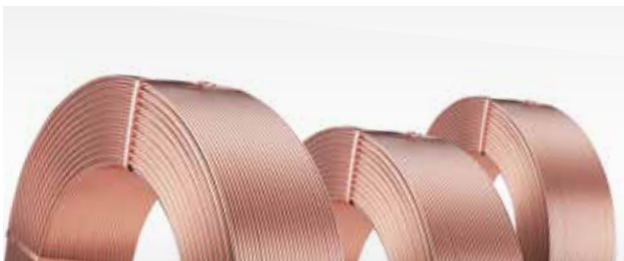
Insulated Copper Tube

Our insulated copper tubes provide outstanding thermal insulation and durability, ensuring effective cooling performance and preventing condensation in HVAC systems.



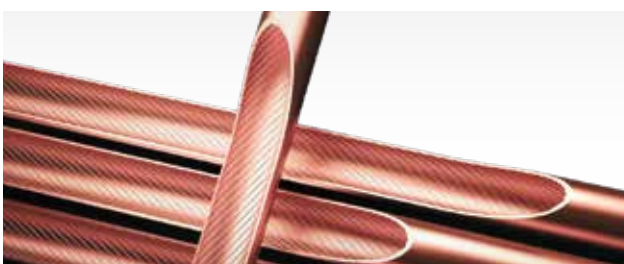
Fittings

rime provides a wide array of high-quality copper fittings to ensure secure, leak-proof connections in refrigeration and HVAC systems.



Level Wound Coil (LWC)

Level wound coils are designed for seamless installation in large HVAC and industrial applications, providing smooth, continuous copper tubing for efficient system performance.



Inner Grooved Tube

Our inner grooved copper tubes enhance heat transfer efficiency, making them ideal for high-performance HVAC and refrigeration systems.



REFRIGERANT GAS

Choosing rime refrigerants ensures superior performance, reliability, and sustainability across various HVAC&R applications. Our extensive product line includes industry-leading refrigerants like R134a, R404A, R410A, R407C, R32, R600a, R507A, R290, R417A, and R1234yf—each carefully formulated to meet diverse cooling needs, from automotive air conditioning to commercial and industrial refrigeration. With a focus on energy efficiency, environmental responsibility, and product longevity, Rime refrigerants deliver optimal cooling performance while reducing operational costs. Backed by global logistics and excellent customer service, Rime is your trusted partner for all refrigerant solutions.

Refrigerant	Application	Available Sizes		
R134a	Widely used in automotive air conditioning, domestic refrigeration, and commercial chillers	13.6 kg	3.4 kg	1 kg
R404A	Used in low- and medium-temperature commercial refrigeration, such as supermarkets, cold storage, and ice machines	13.6 kg	3.4 kg	1 kg
R410A	Common in residential and commercial air conditioning systems, heat pumps, and split systems	11.3 kg	2.8 kg	800 g
R407C	Frequently used in residential and commercial air conditioning, heat pumps, and medium-temperature refrigeration	11.3 kg	2.8 kg	-
R32	Preferred in newer residential and commercial air conditioning and heat pump systems due to its lower GWP	9.5 kg	3 kg	-
R600a	Primarily used in domestic refrigeration (household refrigerators, freezers) due to its energy efficiency	6.5 kg	-	120 g
R507A	Ideal for commercial and industrial refrigeration, including cold storage and food processing	11.3 kg	-	-
R290	Suitable for commercial refrigeration, air conditioning systems, and heat pumps, often used in eco-friendly systems	13.6 kg	-	-
R417A	Common for retrofitting older air conditioning and refrigeration systems, replacing R22	13.6 kg	-	-
R1234yf	Mainly used in automotive air conditioning systems, especially in modern vehicles, for its low GWP	13.6 kg	-	-

AHRI 700 PURITY STANDARD

rime refrigerants meet the AHRI 700 Purity Standard, ensuring top-tier quality and performance. This certification guarantees optimal purity, delivering reliable and efficient operation across all HVAC&R systems.





COMPRESSOR



BITZER Compressor

We utilize BITZER compressors in our refrigeration units, providing a variety of products such as BITZER reciprocating compressors and screw compressors. BITZER compressors are renowned for their exceptional performance, energy efficiency, and durability, making them well-suited for air conditioning, refrigeration, and industrial purposes. Additionally, we offer these compressors as replacement parts, guaranteeing high-quality solutions for your cooling requirements.



rime Rotary Compressor

rime's Rotary Compressors are designed for efficiency and reliability, offering a compact solution for refrigeration and HVAC applications. Engineered with precision, they provide consistent cooling performance while reducing energy consumption. Our rotary compressors are ideal for small to medium-sized systems, ensuring smooth operation and long-lasting durability.



embraco Commercial Compressor

embraco commercial compressors, compatible with R134a and R404A refrigerants, offer exceptional durability, efficiency, and low noise levels. They are designed for commercial and industrial cooling systems and deliver reliable, long-lasting performance. Known for their high strength and efficiency, Embraco compressors are a cost-effective solution for applications requiring dependable cooling power.



embraco Household Compressor

embraco household compressors, available in the EM and EG series, are among the best in the world for domestic refrigerators and small commercial systems. Compatible with R134a refrigerant and using mineral, polyester, and alkylbenzene oils, these compressors deliver high efficiency and reliability. They are ideal for household refrigerators and smaller commercial refrigeration applications, offering consistent performance and durability.



GENUINE SPARE PARTS



Castel Parts

We offer Castel spare parts, renowned for their durability and precision, backed by advanced Italian technology. These components ensure top-tier performance and efficiency in refrigeration systems. From valves to filters, Rime delivers the trusted quality of Castel, meeting the demands of both commercial and industrial applications while maintaining the excellence of Italian engineering.



ebm-papst Fans

Rime integrates ebm-papst fans, a leader in German technology, into our condensing units and evaporators for unmatched efficiency and performance. These fans ensure optimal airflow, reducing energy consumption while maintaining reliable cooling. Available as key components and replacement parts, ebm-papst fans deliver long-lasting, quiet, and energy-efficient operation for all your refrigeration needs.



Harris Brazing Alloys

Premium Harris USA brazing alloys: Trusted for their exceptional quality in HVAC applications. Harris brazing alloys ensure strong, leak-proof connections in copper, brass, and steel systems for precise, durable joints. Ideal for refrigeration and air conditioning installations, these alloys provide reliable, high-strength bonds, enhancing the performance and longevity of your HVAC equipment.



Packless Vibration Absorbers

Known for their durability and efficiency, Packless Vibration Absorbers protect critical components from wear, extending system life. These high-quality parts are also available as replacement components, offering reliable vibration control in refrigeration and HVAC systems for commercial and industrial applications.

GET RESULTS. CONTACT US TODAY.

Sales Inquiries

Email us for inquiries, consultations, or to learn more about our refrigeration products and solutions.

sales@rimegroup.com



Scan QR code to
upload your requirements.

General Inquiries

For media partnership, marketing and non-trading communications

hello@rimegroup.com



Scan QR code to
follow, like and subscribe our socials
channels to get the latest updates

Customer Support

Feedback and customer support email us:

support@rimegroup.com

Head Office Address

rime Group FZE

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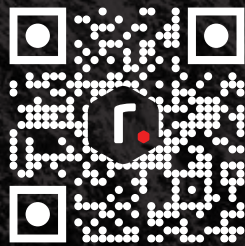
Dubai, United Arab Emirates

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