

2019 CATALOGUE **KAYSUN**

HVAC systems

FEBRUARY
2019



frigicoll

Who we are

Frigicoll is a family-owned Spanish company that has been in operation for more than 60 years, and is a pioneer in the introduction of technological solutions of leading global brands in various sectors of industry.

At Frigicoll we undertake comprehensive projects, supplying machinery to the air conditioning, energy, transportation, food and catering and refrigeration sectors, as well as to the household appliances sector.



▼
+60 años
of history
▲


+450
employees


+15
facilities
spread out
across Spain

€
+200
million
in turnover

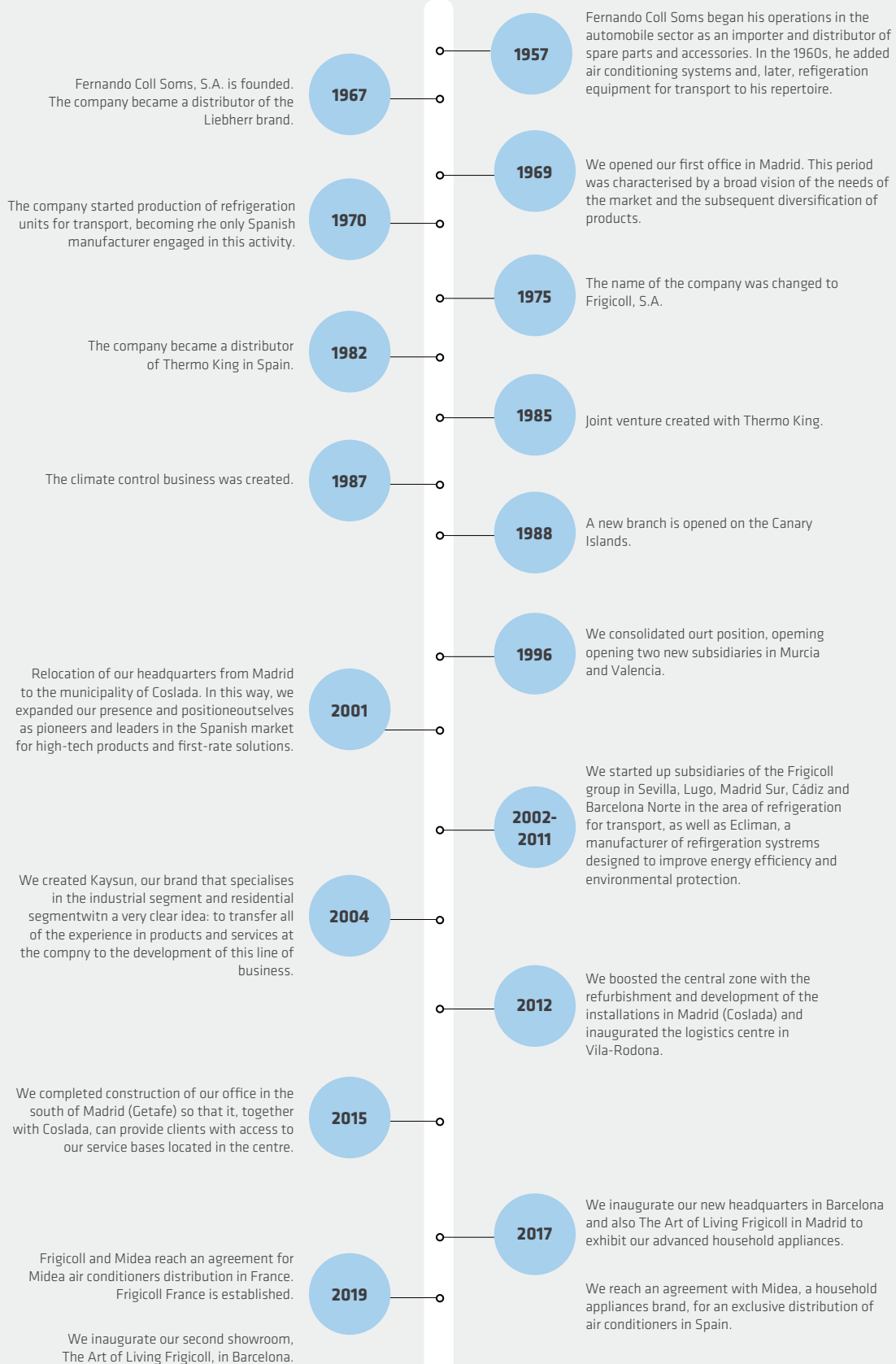
OUR VALUES

Our whole history has been notable for our contribution to the market: the best quality of product, trust, proximity and excellence in customer service and an ongoing quest for improvement and innovation, attributes that have made us leaders in the market. With a long record of providing premium integrated solutions, we face the future with the desire to keep searching for new, sustainable technological solutions.

CSR

Corporate social responsibility is one of the fundamental pillars of Frigicoll, carrying out actions based on the growth and social commitment of its employees and actions that help create a better, fairer and more sustainable world.

This is our story:





Business units



Transport

Frigicoll offers refrigeration systems for the transportation and distribution of perishable products, climate control for coaches and buses, refrigerated mobile containers and solutions for the transportation of pharmaceutical products. It holds the official concession for the Thermoking brand in Spain and Portugal and offers technical support through a network of its own workshops and associated services that covers the whole of Spain, with ongoing service available 24 hours a day, 365 days a year.



Frigicoll invented the refrigeration system for transport.

Euroengel

A pioneer in refrigerated mobile containers.



Household appliances

Frigicoll offers all equipment for high-end household cooking through the Liebherr, De Dietrich and Falmec brands, leaders in refrigeration, cooking and vacuuming. The three brands are a perfect alliance of design, quality and technology, turning each kitchen into a unique space and guaranteeing the best services for the client.

LIEBHERR

More than 60 years as leader in the world of cold.

De Dietrich

The best, most powerful induction and the ability to detect recipients.

falmec

The most silent extractor hoods in the market (NRS technology).



HVAC systems

Frigicoll has an alliance with Midea, a world leader in air treatment equipment, to offer integrated climate control projects suitable for all types of installations, from the residential range to the industrial range. Frigicoll is also present in leading projects worldwide with its own brand, Kaysun, with which it has experienced rapid expansion overseas.



The manufacturer of one in every five air conditioning units worldwide.



Great versatility of equipment and advanced technological innovation.



Hotels/Catering

We supply high quality machinery with cutting-edge technology for the exhibition and storage of perishable products as well as professional kitchen equipment for the catering sector.

Hotels

LAINOX

The first oven with a cloud WiFi connection (Lainox Naboo).

COMENDA

An internal energy cycle that reduces detergent, water and electricity consumption by 50%

LIEBHERR

Strict temperature and moisture control in laboratory coolers and reliability in gastronomy.

Catering

ecliman

Cooling units with a refrigerant load 20% the size of conventional units and a 25% reduction in consumption.

Frigicoll

A complete range of commercial and industrial dryers.

Plus the following brands:



The mobile coling unit and compressor that best reflect the trend towards new refrigerants.



Spare Parts

Frigicoll also has a spare parts business, the aim of which is to provide the best possible service with delivery within 24h and specialist advice and service for each product over the phone, so as to protect the prestige and excellence of the products represented.

Frigicoll spare parts

- Automated logistics warehouse of 2,500m²
- 30,000 parts in stock
- + 200 shipments daily
- + 400.000 delivered items per year



After-sales service

To ensure the quality of service at all stages of its value chain, Frigicoll has a highly specialised after-sales service area to foster the agile and effective resolution of any incidents that may arise.

Frigicoll after-sales service

- ISO 9001 and ISO 14001
- +170 technical assistance points across the whole of the mainland, the Canary Islands and Portugal, as well as 11 service centres.
- Uninterrupted service all year round (24/7 in the transport unit).



“A well-established Team”

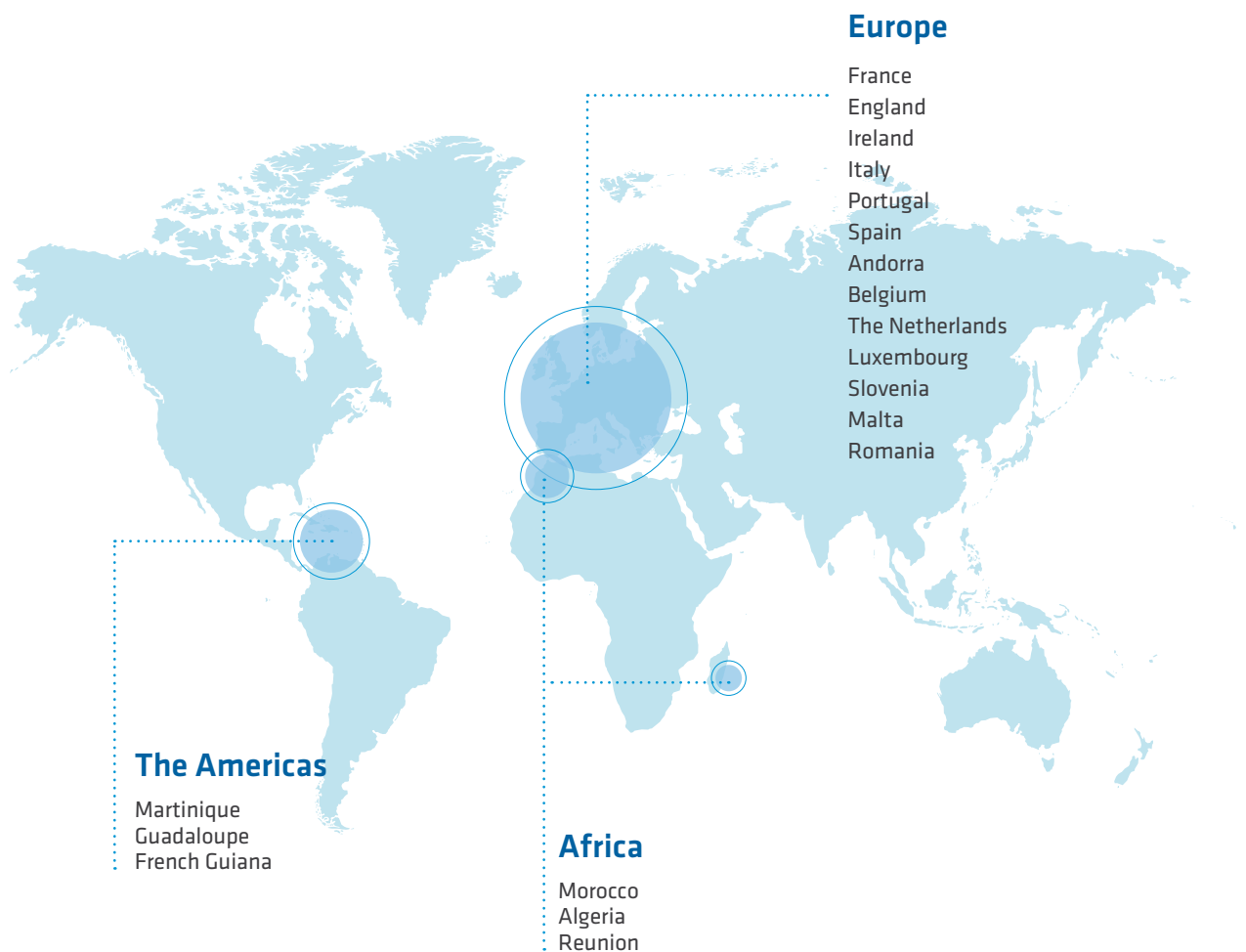
Over more than 60 years, Frigicoll has worked at all times in collaboration with the most reputable brands in the different business units that comprise the company. In all projects, our technical team has combined the premium qualities of our equipment with its professional experience to achieve the best outcomes. Today we complete key installations, noteworthy due to both the technological prowess of their solutions and their social importance.

In the HVAC Business Unit, we are proud to apply our first-hand knowledge, acquired from our long history and the best professionals, to the continual development of our own brand, Kaysun, which grows more established every day

with a strong national plan and international presence. We have a clear goal: to continue providing the best residential and industrial solutions with comprehensive offerings underpinned by a constantly evolving and diverse range of products. That is why we remain loyal to our brand's philosophy – a balance between technology, efficiency, cost and warranty.

We believe that the best way to explain to you why Kaysun is rising to the top in the sector is to invite you to experience our work first hand.

Thank you for joining us.
Your trust is our guide.



“Ten reasons why we stand out”



THE FRIGICOLL GUARANTEE

Frigicoll is known for its premium products and its broad experience in excellent after-sales services. KAYSUN, the company's own brand, was developed with the standards for quality and technological innovation that have always set us apart.



MAXIMUM RELIABILITY OF OUR EQUIPMENT

We guarantee that our units will have a long service life, thanks to top-quality materials. This ensure that **the need to make use** of their warranties is reduced to a minimum.



ISO 9001 / ISO 14001

The quality of our products and environment benefits are two key pillars for KAYSUN. We are proud to have achieved **ISO 9001** and **ISO 14001**, under the seal of Frigicoll.



WIDE RANGE

We offer **comprehensive solutions for any facility** thanks to the diversity of our product ranges. From residential split systems to the most complex water terminal units, and including air curtains, recovery systems, VRFs, chillers, solar and domestic hot water units.



COMPREHENSIVE PROJECTS

Our team of expert technicians carries out HVCA and ventilation comprehensive specific projects for every single customer, which allows our company to be able to adapt to any space and need. A personalised advice complements this service, thus ensuring the correct performance of our installation works.



CUTTING-EDGE TECHNOLOGY

Our forward-looking approach goes hand-in-hand with the incorporation of the latest technology in all of our equipment. We include features that improve everything from energy consumption to practicality and comfort, as in the case of the built-in **motorised panel** used in the cassettes.



SMART CONTROL

Our smart control **devices**, allow us to offer comfort and well-being in any facility. The K01-WIFI device is the first smart solution for our units, providing the option of programming and managing air conditioning units inside and outside your home.



COMMITTED TO THE ENVIRONMENT

Our equipment is manufactured almost entirely **from recyclable materials**. We have reduced consumption as far as possible in STANDBY mode and have improved the energy efficiency of units working at full capacity, resulting in energy savings for facilities.



EXCELLENT AFTER-SALES SERVICE

We **work to solve all incidents as quickly as possible**, leaving our customers completely satisfied with our after-sales service. We have a team of expert professionals working for you.



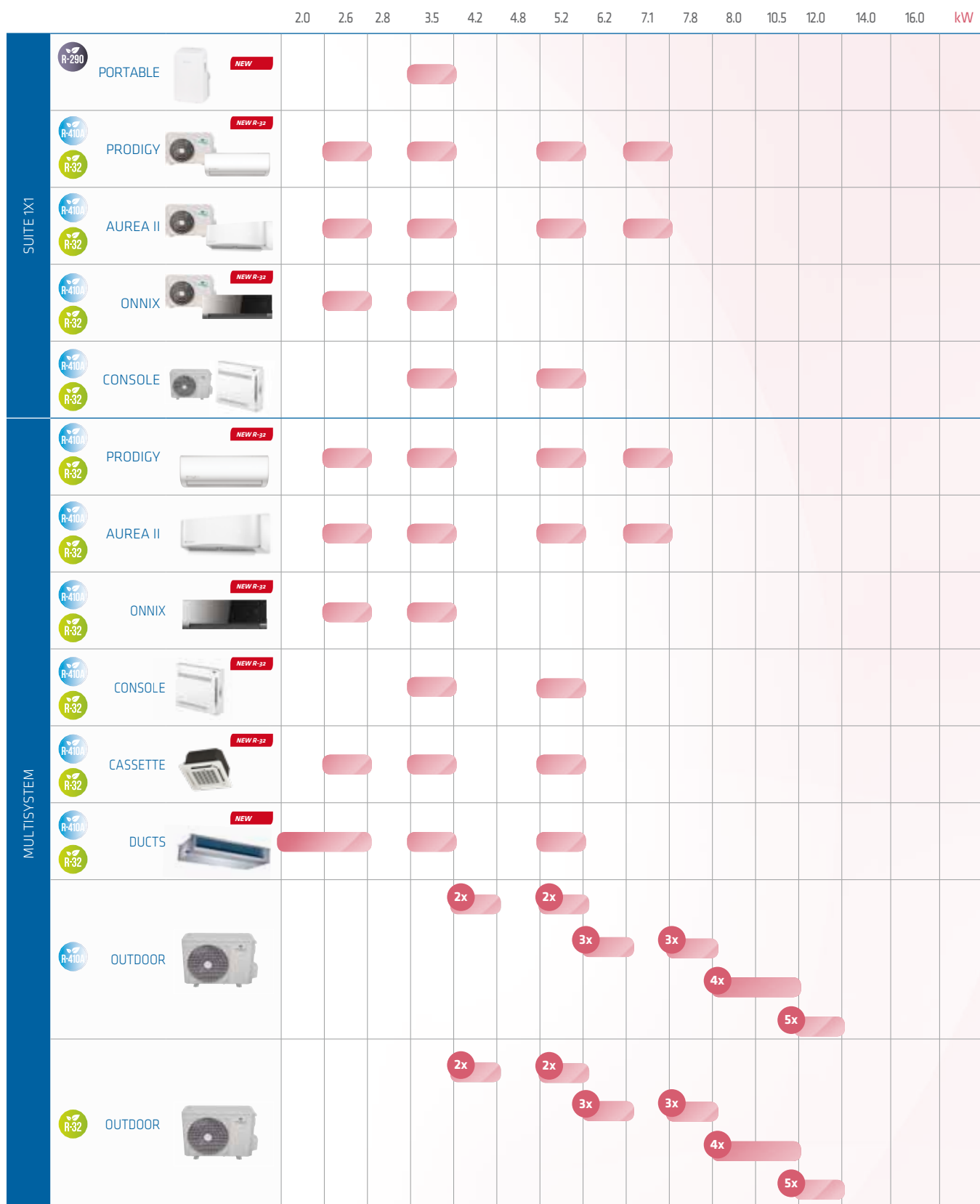
THE BEST MANAGEMENT OF SPARE PARTS IN THE SECTOR

We understand the key role of air-conditioning systems play in our facilities, **and we offer unbeatable replacement services**. Our commitment is absolute and we offer immediate solutions.



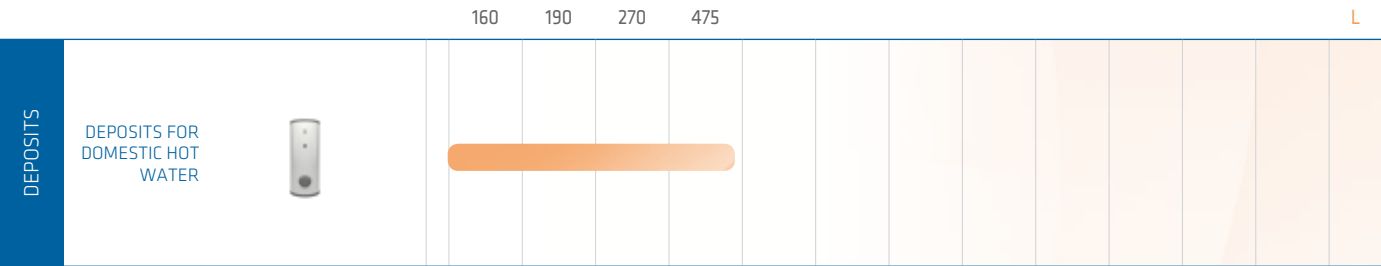
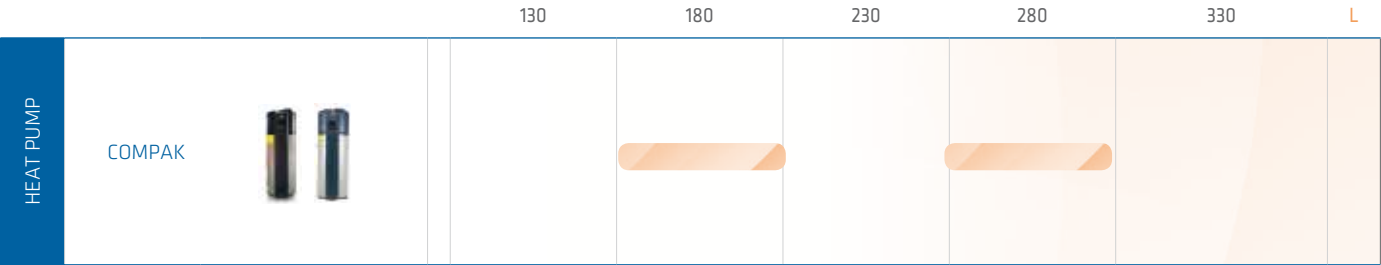
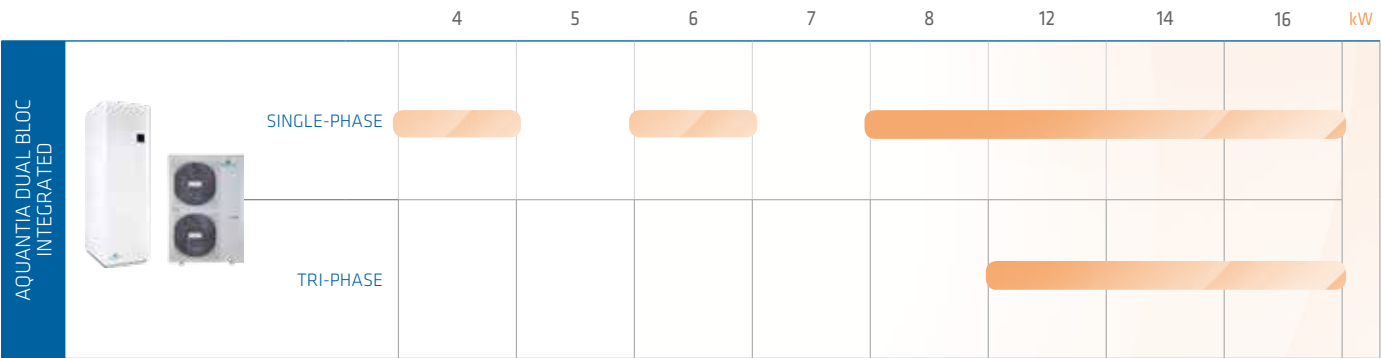
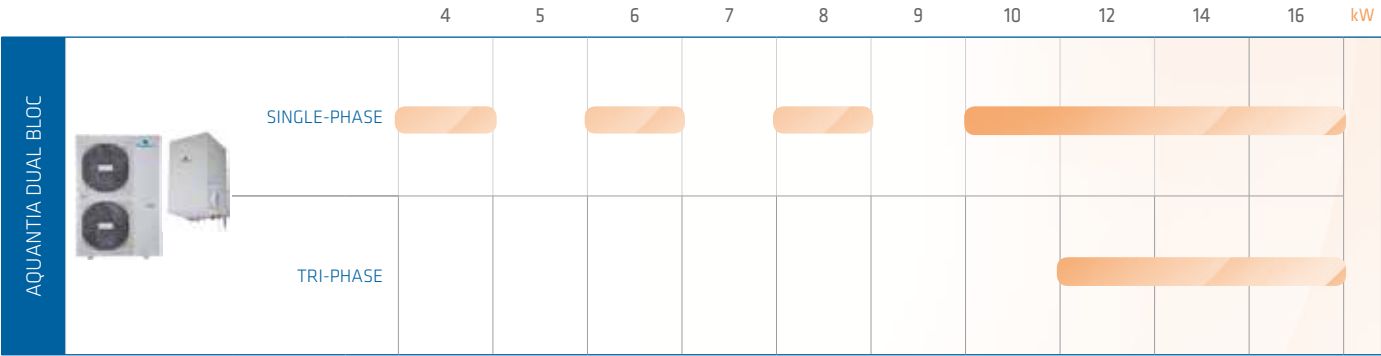
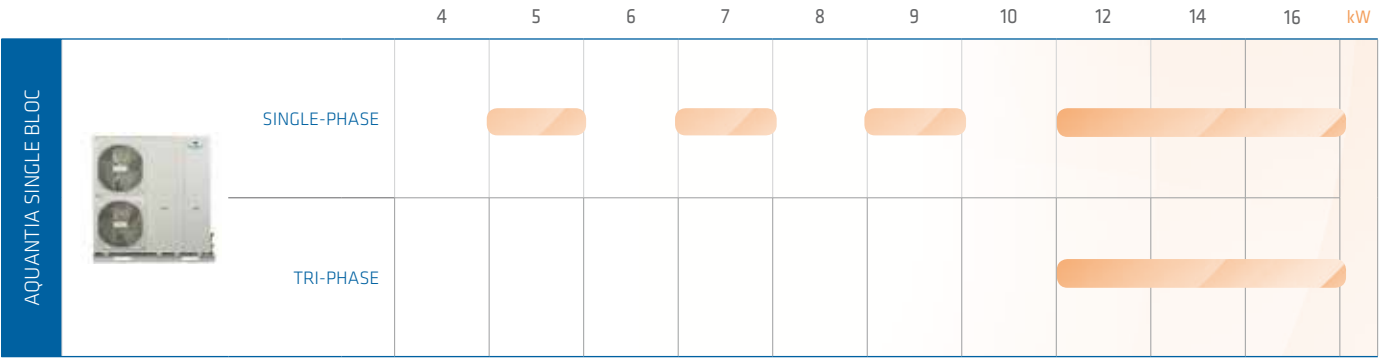
SUITE

RESIDENTIAL PRODUCT RANGE



AQUATIX



























DOMESTIC HOT WATER RANGE





































ZEN

COMMERCIAL RANGE

			2.6	3.5	5.2	7.1	9.0	10.5	12.5	14.0	16.0	20.0	25.0	28.0	40.0	45.0	56.0	kW
R-410A	1X1 SYSTEMS	 600x600 CASSETTE 																
		 SUPERSLIM CASSETTE 																
		 																
		 FLOOR-CEILING 																
		 																
	DUCTS	 																
		 																
	TWIN SYSTEMS	 SUPERSLIM CASSETTE 																
		 																
		 FLOOR-CEILING 																
 																		
 DUCTS 																		
 																		

ZEN

COMMERCIAL RANGE

		2.6 3.5 5.2 7.1 9.0 10.5 12.5 14.0 16.0 20.0 25.0 28.0 40.0 45.0 56.0 kW																	
R-32	1X1 SYSTEMS	 600x600 CASSETTE NEW 	■																
		 SUPERSLIM CASSETTE 																	
		 SUPERSLIM CASSETTE 			■					■									
		 FLOOR-CEILING 																	
		 FLOOR-CEILING 			■					■									
	 DUCTS 																		
	 DUCTS 	■		■					■										
	TWINs	 SUPERSLIM CASSETTE NEW 																	
		 SUPERSLIM CASSETTE 																	
		 FLOOR-CEILING NEW 																	
 FLOOR-CEILING 																			
 DUCTS NEW 																			
 DUCTS 																			
HIGH CAPACITY	AIR CONDENSED	 FRONT AIR DISCHARGE 	■																
	AIR CONDENSED	 TOP DISCHARGE 	■																
	WATER CONDENSED	 	■																

RECOVERY UNITS



















HEAT RECOVERIES PRODUCT RANGE

		500	700	800	900	1000	1200	1400	1800	2000	2300	2400	2600	2800	3000	3200	m³/h	TIPO
RECOVERY UNITS	ERP PRO																	HEAT
	AZURE																	HEAT



AMAZON

INDUSTRIAL VRF RANGE






		1.5	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	10.0	11.2	12.0	14.0
INDOOR UNITS	WALL-MOUNTED 													
	DOUBLE FLOW CONSOLE 													
	FLOOR STANDING EXPOSED/CONCEALED 													
	FLOOR STANDING EXPOSED/CONCEALED 													
	CASSETTE 1 VIA 													
	CASSETTE 600X600 													
	CASSETTE 840X840 													
	DUCTS 													
	HIGH PRESSURE DUCTS 													
	AIR CONDITIONING RECOVERY KIT 													
	KAHU 													
OUTDOOR UNITS	2 PIPES	MINI-AMAZON SINGLE-PHASE 												
		MINI-AMAZON THREE-PHASE 												
		AMAZON SINGLE FRONT AIR DISCHARGE 												
		AMAZON UNITARIO DN4 TOP DISCHARGE 												
		AMAZON IV PRO 												
		AMAZON III W 												
	3 DUCTS / TUBI	AMAZON III PRO 												





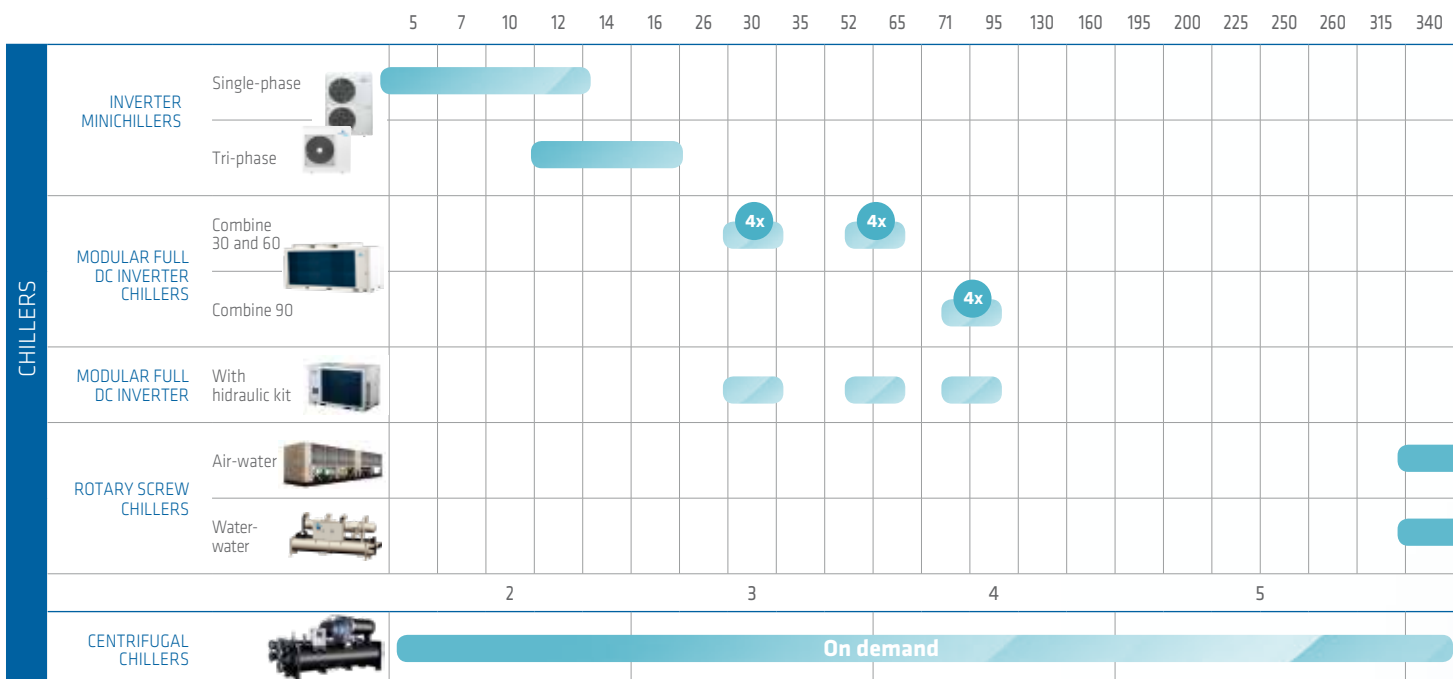
CONTROLS







CONTROL SYSTEM RANGE

		SUITE					ZEN	AMAZON
		PRODIGY 1x1	AUREA II 1x1	ONNIX 1x1	CONSOLE 1x1	MULTI		
SINGLE WIRELESS	KID-02 S 	●	●	●	●	●	●	
	KI-03 S NEW 							●
SINGLE WIRED	KC-01 S 	●		●	●	● except Aurea II	●	●
	KC-03.2 SPS NEW 					● Ducts and cassette	●	
	KCT-02.1 SR 	●		●	●	● Except Aurea II	●	●
	KC-02.1 H 	●		●	●	● Except Aurea II	●	●
	KCT-03 SR NEW 							● Only DN4.0 indoor unit
	KCT-03 SRPS NEW 							● Only DN4.0 indoor unit

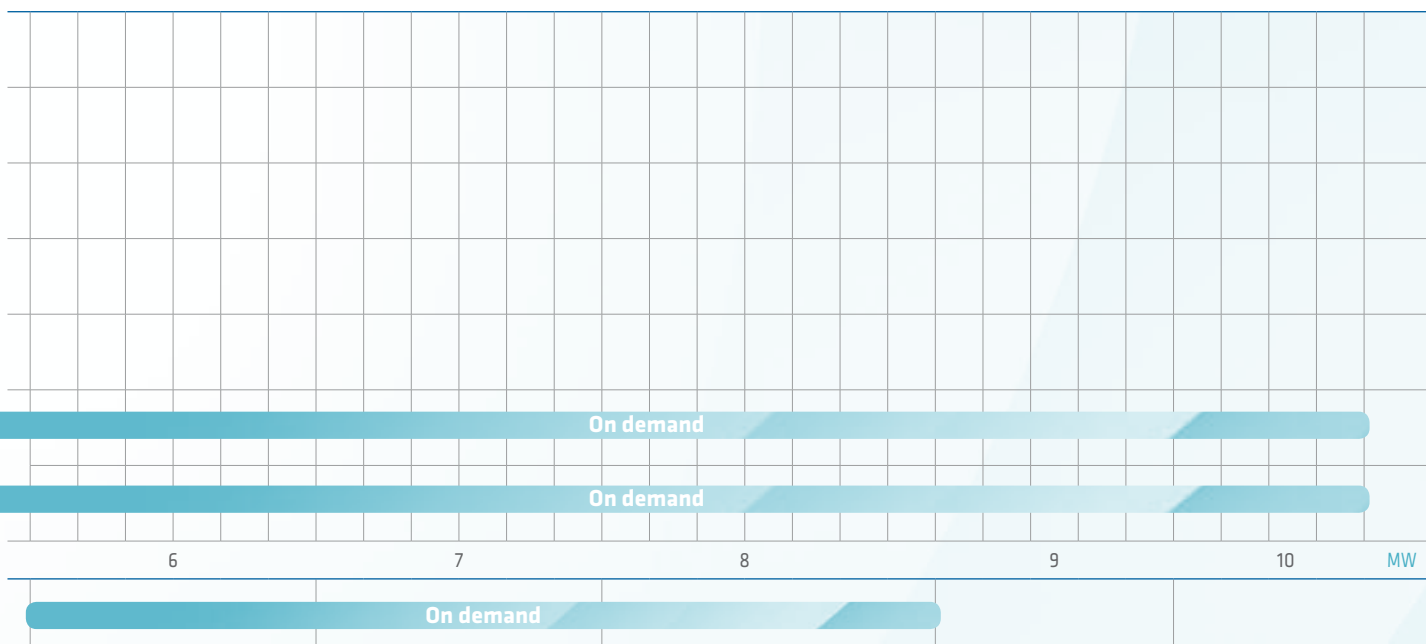
NEXUS

CHILLERS PRODUCT RANGE



		SUITE					ZEN	AMAZON
		PRODIGY 1x1	AUREA II 1x1	ONNIX 1x1	CONSOLE 1x1	MULTI		
CENTRALISED CONTROLS	KMC-32 E 							●
	KCCT-64 I (B) 					● Except for wall-mounted and KSD units	●	●
	KCCT-64 IPS 					● Except for wall-mounted and KSD units	●	●
	KCCT-384 IPS 							● Only AMAZON UNITARIO DN45 and AMAZON IV PRO
	KCC-64 WEB 					● Except for wall-mounted and KSD units	●	●
SOFTWARE	KAYNET CONTROL 					● Except for wall-mounted and KSD units	●	● Except AMAZON UNITARIO DN45
WIFI	K01-WIFI 	●	●	●	●	●	●	●
	K03 WIFI USB 	●	●	●		● Only High Wall units		
	K03 WIFI LCAC 					● Ducts and cassette	●	
BMS	K01-KNX 					● Except for wall-mounted and KSD units	●	● Except AMAZON UNITARIO DN45

380 400 435 440 500 510 520 540 565 600 620 630 640 685 690 720 740 750 760 805 815 900 1000 1100 1200 1385 1620 1780 kW





FANCOILS

WATER TERMINAL UNITS **PRODUCT RANGE**

		370	490	540	600	680	750	780	980	1500	m ³ /h
INDOOR UNITS	WALL-MOUNTED 2 PIPES										
	EXPOSED										
	FLOOR CEILING 2 PIPES										
	CONCEALED										
	2 PIPES										
CASSETTE 600 X 600	4 PIPES										

		340	510	600	680	730	1020	1175	1230	1360	1450	1530	1580	1700	1870	2380	3060	3740	m ³ /h
INDOOR UNITS	2 PIPES																		
	CASSETTE																		
DUCTS	4 PIPES																		
	2 PIPES																		
DUCTS	4 PIPES																		

[illegible]

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire surface, providing a template for writing or drawing. The margins are consistent on all sides.

**Main Office**

Blasco de Garay, 4-6
08960 Sant Just
Desvern
(Barcelona)
Tel. +34 93 480 33 22

DEPARTMENTS (Fax)

HVAC and Energy +34 93 480 33 23
Catering/Hotel and Cooling +34 93 371 59 10
Household Appliances +34 93 371 59 10
Transport Refrigeration +34 93 473 31 40
Spare Parts +34 93 473 27 02

MADRID

Senda Galiana, 1
Polígono Industrial Coslada
28820 Coslada (Madrid)
Phone: +34 91 669 9701
Fax: +34 91 674 2100
madrid@frigicoll.es



www.frigicoll.es
www.kaysun.es



Kaysun participates in the EUROVENT certification program. The products correspond to those listed into the EUROVENT certified products directory.