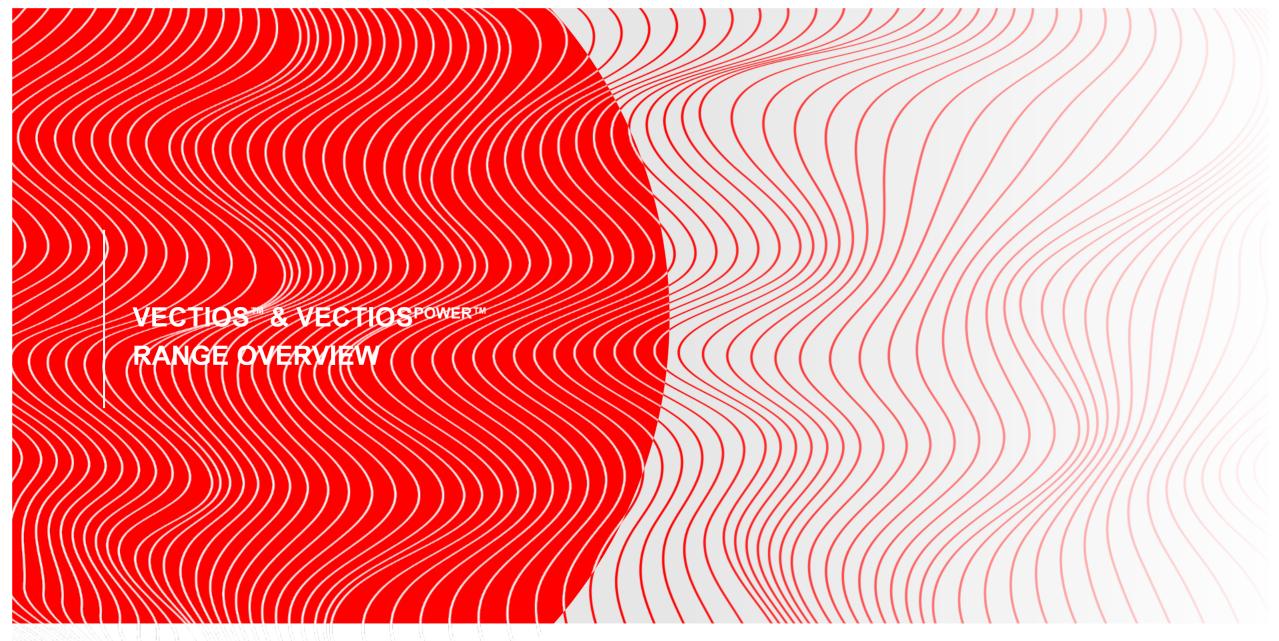
VECTIOS™ & VECTIOS & VECTIOS range

The all-in-one air conditioning solution











RANGE OVERVIEW

VECTIOS range

- ► Available in 14 sizes
- ► Available with R-454B
- ► Cooling capacity from 23 kW up to 98 kW
- ► Heating capacity from 22 kW up to 100 kW

VECTIOSPOWER range

- Available in 12 sizes and 4 chassis
- ► Available with R-454B
- ► Cooling capacity from 100 kW up to 280 kW
- ► Heating capacity from 101 kW up to 309 kW





RANGE OVERVIEW

Vectios™

Airflow 4 080 m3/h to 19 200 m3/h

IPJ: reversible heat pump operation

** **RPJ**: cooling only

IPJ: reversible heat pump operation

RPJ: cooling only

VectiosPOWERTM

Airflow 10 800 to 54 000m3/h

IPJ: reversible heat pump operation

RPJ: cooling only

IPJ: reversible heat pump operation





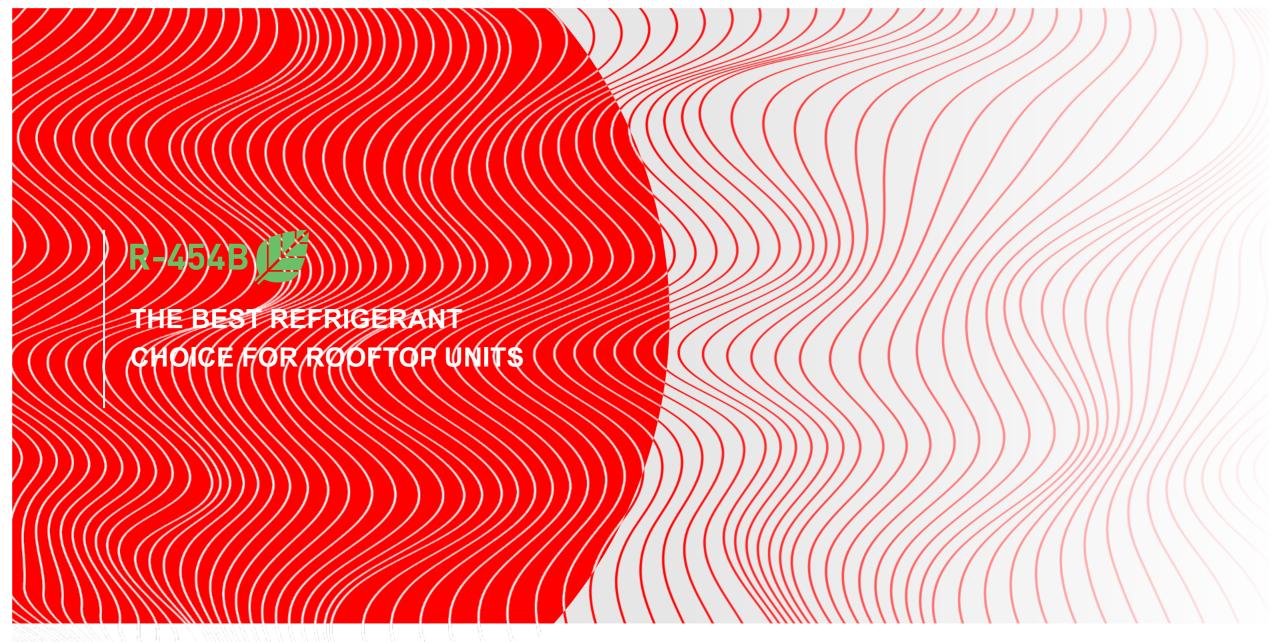








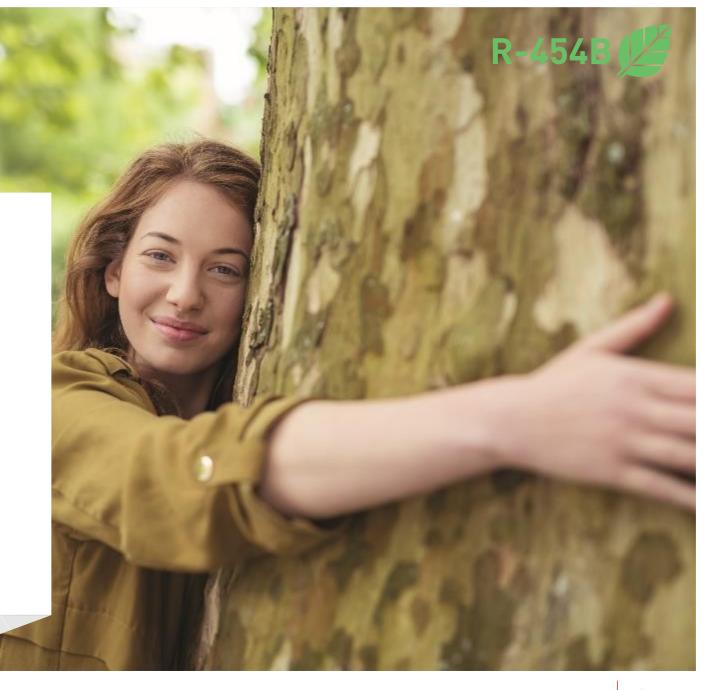






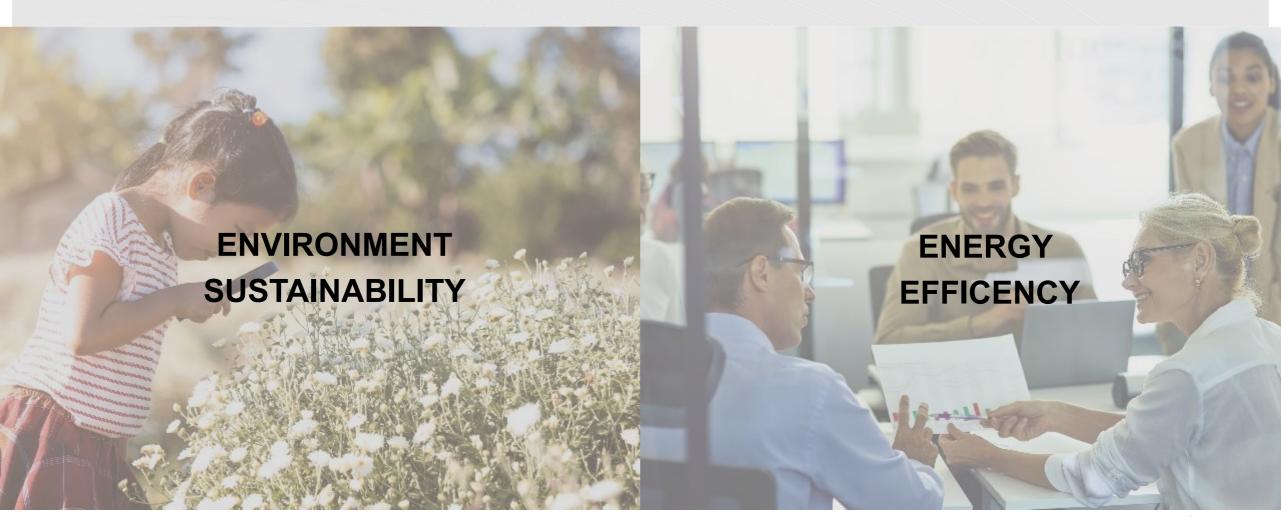
CIAT IS COMMITTED TO REDUCING OUR ENVIRONMENTAL IMPACT

CIAT invests in continuous product development effort in order to provide sustainable and efficient HVAC systems complying with the environmental directives and regulations as well as anticipating the next future ones. We provide refrigerant options best adapted to specific applications, conditions and technologies.





R-454B FUNDAMENTALS



ENVIRONMENT SUSTAINABILITY

- CIAT follows the F-Gas regulations to continuously reduce its carbon footprint and respect HFC quotas.
- The European Directive 2009/125/CE ErP encourages manufacturers to design products that improve energy efficiency while reducing their overall impact.
- CIAT ranges far exceed the Ecodesign 2021 requests with the new R-454B which is the best option for the rooftop unit regarding environmental impact.





*Versus 2015 reference value

EU F-gas regulation - HFC Phase down



GWP according to IPCC AR4



ENVIRONMENT SUSTAINABILITY

- __
- At CIAT we strive to reduce the ecological impact of our equipment throughout its life cycle, from creation to final decommissioning.
- CIAT is the first manufacturer providing PEP Files for Rooftops units.









ENVIRONMENT SUSTAINABILITY

R-454B

_

CIAT understands the challenges faced by the HVAC industry by:

- Lowering refrigerant GWP
- Increasing HVAC system efficiency



R-454B refrigerant is classified as A2L meaning lower flammability. Please follow the specific safety regulation locally.

77% GWP reduction*

10% reduction in refrigerant charge*



-80% lower carbon footprint*

*vs R-410A range

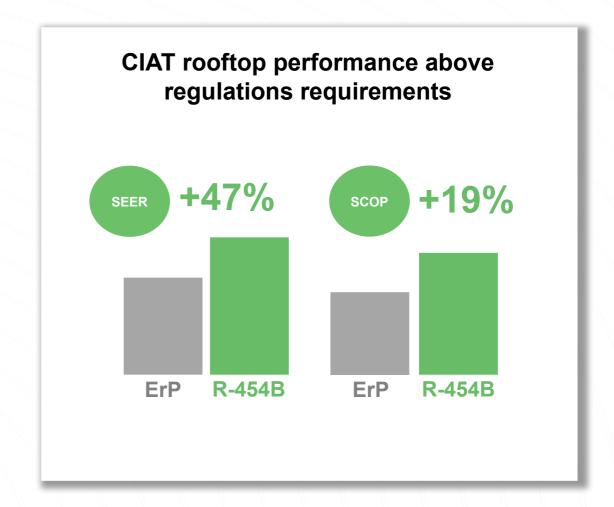


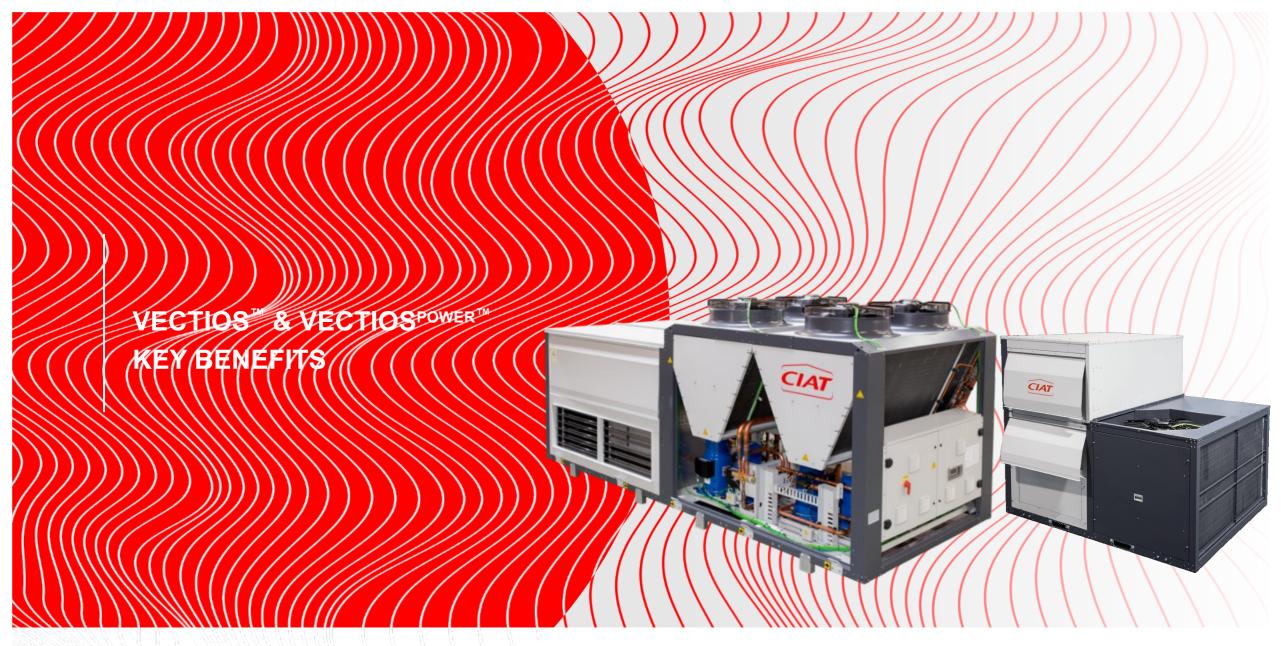


ENERGY EFFICIENCY

Rooftop range exceed Ecodesign 2021 requirements up to 47% above the requirement in cooling and up to 19% in heating due to:

- Design optimization
- Multiple scroll compressors
- Electronic expansion valve
- Electronic fans
- Smart control







KEY BENEFITS



HIGH-ENERGY EFFICIENCY
AND ENVIRONMENTAL RESPONSIBILITY



ENERGY SAVINGS



PACKAGED SYSTEM FLEXIBILITY



EXTENSIVE SCOPE



HIGHLY RELIABLE



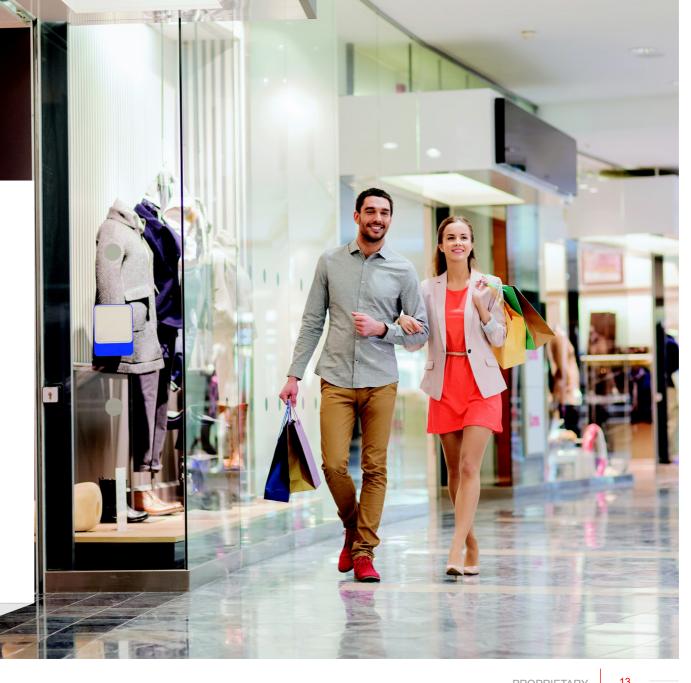
SIMPLICITY & CONNECTIVITY



ACOUSTIC COMFORT



HEALTHIER INDOOR ENVIRONMENT





HIGH ENERGY-EFFICIENCY & ENVIRONMENTAL SUSTAINABILITY



We strive to conform to your **highest environmental commitments**. We concentrate our efforts on making our units more efficient and more environmentally sustainable.

LOWER GWP REFRIGERANT

-80% lower carbon footprint*

77% GWP reduction*

10% reduction in refrigerant charge*

*vs R-410A range



R-454B

INCREASE ENERGY EFFICIENCY

SEER
Up to
5,19*

Up to 47% energy savings*

SCOP Up to 3,80*

Up to 19% energy savings*



^{*} Referring to performance's tables

^{**}vs Ecodesian requirements 2021

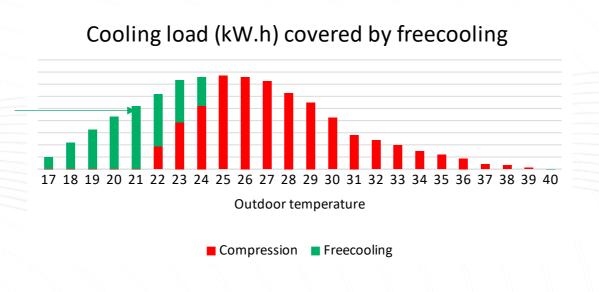
ENERGY SAVINGS



_

We develop **energy-efficient solutions** that provide substantial savings. This unit has been designed to **reduce energy consumption** with advanced features: variable ventilation, free-cooling, low pressure drop filters and energy recovery systems.







*with free cooling option

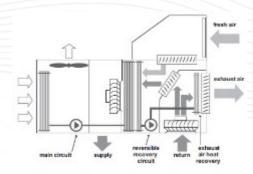
ENERGY RECOVERY

ACTIVE

High performances in mild weather.



Additional frigorific circuit



PASSIVE

With low outdoor temperatures in winter, and high fresh air ratios.



Rotary wheel





PACKAGED SYSTEM FLEXIBILITY



We address multiple specific applications with one of the largest ranges of options in the market:

- Free-cooling
- ► Energy recovery
- Fresh air
- Quality sensors
- Filtration

- ► Overpressure control
- ► Heating back-up
- ► Humidity control
- ► All season operations
- ► Multi-zone control

- ► Heat recovery coil
- ► Low temperature applications
- ► Master/slave and back up
- ► Energy meter
- ► Refrigerant or smoke detector ► Communication

- ► Anti-corrosion options
- Active
 - dehumidification *
- ▶ Supervision

The Vectios and Vectios Power have been designed for an easy installation regardless of the space you have.



EXTENSIVE SCOPE



_

We address more applications in a wider temperature range from -15°C* up to 52°C (cooling-only unit) or 48°C (reversible heat pump version). We provide a solution that is perfectly suited for multiple environments.

- ▶ For LARGE AREAS: choose air zoning to control up to 4 zones with high thermal dispersion.
- ▶ For INDUSTRIAL PROCESSES or food refrigeration systems: use rejected energy with a heat recovery coil.
- ► When MORE AIRFLOW is required: air flow extensions fulfill the need.
- ► For FOOD STORAGE IN LARGE FACILITIES: low return temperature to 15°c in cooling mode.

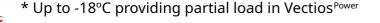












HIGHLY RELIABLE



We ensure the high-reliability of your equipment through a robust qualification process.

- ► We design and manufacture reliable products that meet your expectations and facilitate easy maintenance.
- ► We utilize high-quality components and a robust leak test process to minimize refrigerant leakages.
- ▶ Unit performances are certified by Eurovent, and rated in testing conditions.



ACOUSTIC COMFORT

We guarantee low noise levels during operation thanks to design optimization and the latest technology to meet the most exigent requirements.



of the operation time below half-load. Sound level reduction in partial load operation.



Guarantee low noise level thanks to the design optimization



Nigh operation mode available with free-cooling and disabling compressors.

ENHANCED SOLUTIONS TO CONTRIBUTE TO A HEALTHIER INDOOR ENVIRONMENT



#CIAT4life



Ventilation

of spaces with outdoor air reduces indoor contaminants to maintain indoor air quality.



Filtration

is an efficient way to reduce particles that can harm our health.
Filter fouling detector determines when the filter needs to be replaced.



CO2 sensors

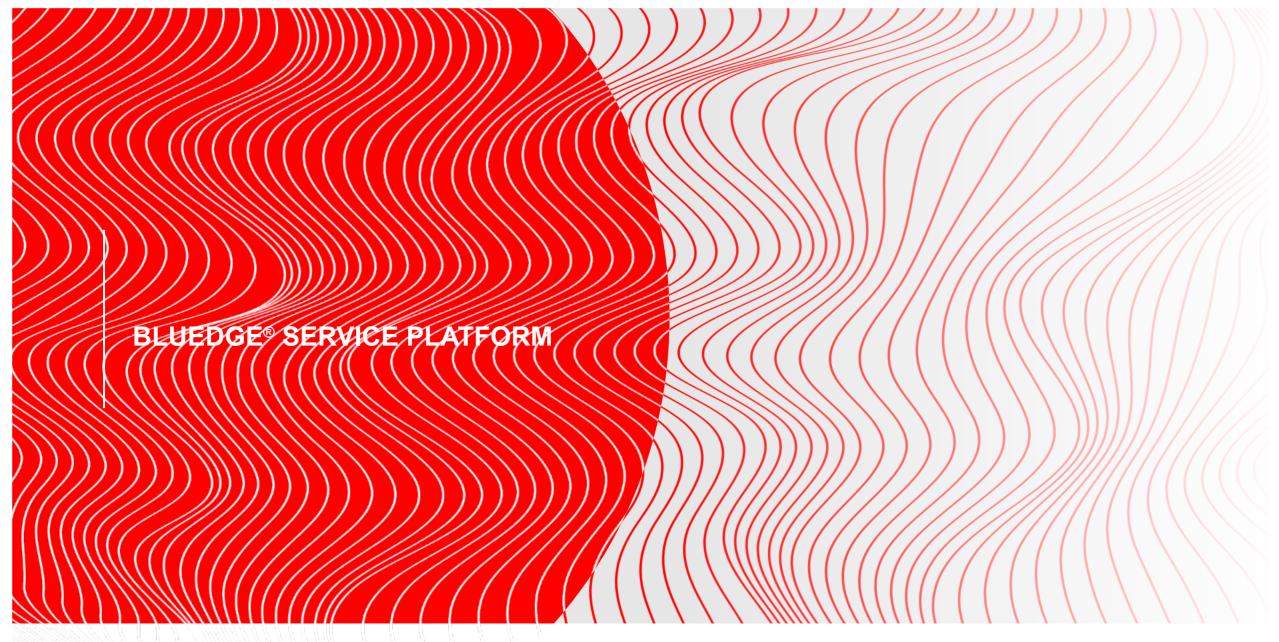
allow ventilation based on CO₂ levels between indoor and outdoor sources.



Air flow control

ensures proper comfort in spaces: temperature, humidity, air flow and overpressure.





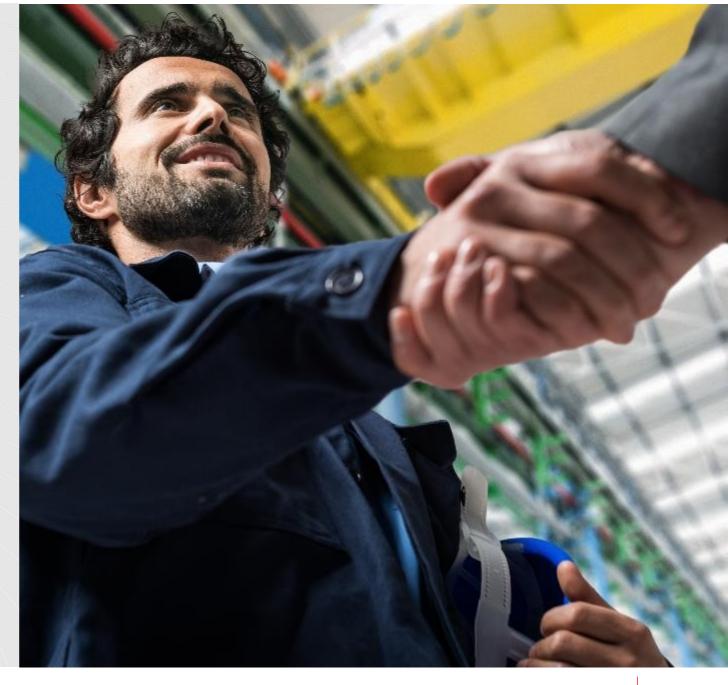


HVAC EXPERTS CLOSE AT HAND

A COMBINATION OF KNOWLEDGE AND EXPERIENCE FOR BETTER TECHNICAL SUPPORT

Our qualified and responsive BluEdge teams of technicians are available to implement actions on site and ensure optimal operation of your equipment. Thanks to our expertise and experience in the fields of maintenance and technical service, our BluEdge service platform offers a wide range of services from pre-sales technical support and diagnostics right through to energy audits.

Our dedicated hotline for off-site support with our engineers and technicians on the field, work hand in hand to meet your expectations in terms of energy efficiency. Our priority, 24/7: to allow you to focus on your business whilst our BluEdge service platform provides you with the best possible level of service.





A WHOLE WORD OF SERVICES

A COMPLETE SERVICE OFFER

Our full spectrum service and maintenance offering gives total peace of mind for building owners and managers.

Organisations both large and small trust us to look after their buildings and HVAC needs, ensuring reliable, efficient, costeffective buildings that are comfortable to live and work in.

We have a choice of service levels, enabling you to tailor the level of cover exactly to your needs and budget.

We have a range of intelligent remote monitoring solutions, providing 24/7 alerts for potential problems. Our expert analysts constantly review any out of condition or alarm statuses, to diagnose issues and prioritize service calls to reduce costs and restore full operation in the shortest possible time.







A TIER FOR EVERY BUSINESS



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From preventative to full coverage, our CORE, ENHANCE, ELITE tiers are designed to fit your needs.



An economical solution for customers with IoT-enabled equipment that collects real-time data to improve staff efficiency and reduce unplanned downtime.



Complete preventive maintenance and technical expertise including proactive monitoring on health, efficiency and performance with actionable insights to identify opportunities for reducing operating costs and avoiding failures.



Our Elite plan is the ultimate worryfree, peace-of-mind program for clients. Realizing building comfort, efficiency and operational goals with Carrier turn-key solutions powered by predictive analytics and OEM expertise.



REAL-TIME DATA AND ANALYTICS



Our portfolio of remote connectivity offers within BluEdge service Platform are powered by IoT and cloud analytics. It is an advanced monitoring solution which enables customers for all applications to track and monitor their CIAT equipment.



24/7 remote monitoring.



Proactivity to anticipate breakdowns.



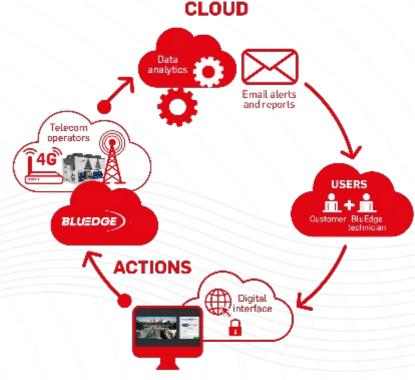
Real time data



Monthly and annual reports with analysis and recommandations from BluEdge CIATexperts.



Email alert for any event concerning the equipment.



EUROPEAN SERVICE DIGITAL CENTER

Expert in Digital, IoT & Connected Services Solutions for HVAC equipment and in Controls Solutions for Plant Room and HVAC Systems.

At the European Service Digital Center (ESDC), our engineers focus on developing and deploying Connected Services and Controls solutions for HVAC equipment & systems. They provide technical support on smart service solutions to our customers and our service organizations in Europe. The team has a unique multi-disciplinary expertise in Digital/IoT/Controls and Cooling/Heating for HVAC systems.

CONTROLS AND ENERGY OPTIMIZATION

- Monitoring of HVAC equipment
- Plant Room control system
- Thermal Energy Storage for HVAC applications
- HVAC system management
- Energy Optimization



HVAC EUROPE PARTS CENTER

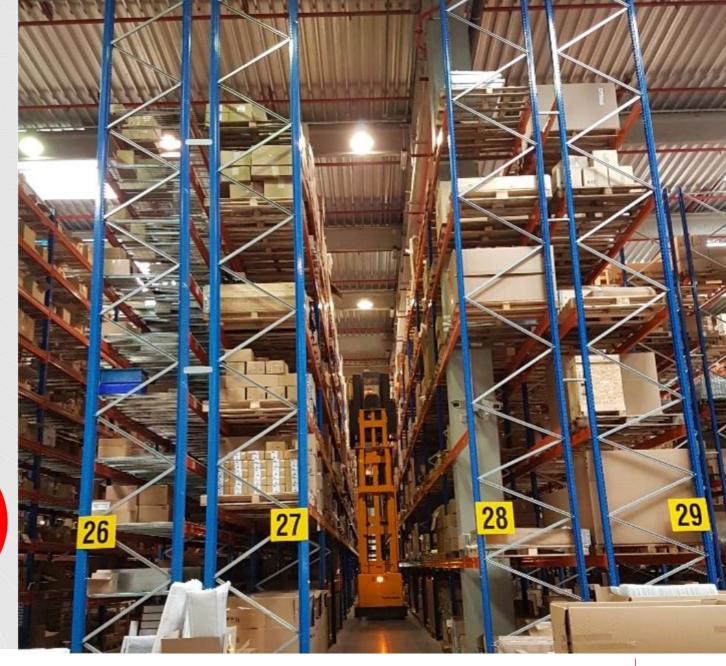
DEDICATED TEAM & EXPERT ADVICES

500 Suppliers 12,000 Items on stock 176,000 Order lines in 2019 1,000,000+ Parts sold in 2019

Store-eu.c arrier.com

98%
Deliveries on time

+90.000
Managed parts number



CIAT SERVICE SOLUTION

Retrofit kit

The retrofit kit for the VECTIOS POWER range is available from 100 kW to 280 kW.

This kit makes it easy to retrofit a VECTIOS POWER R-410A unit to be compatible with R-454B refrigerant with only minor adaptations. This results in 80% savings on taxes when refilling is required.

Conformity declaration

VECTIOS POWER range was designed to be compatible with this retrofit modification. The modifications must be completed as specified by the applicable instruction manual. This modification of the machine must be indicated in the maintenance book of the machine in compliance with local regulations. Also, a plate needs to be added with information about the new refrigerant R-454B.







VECTIOSPOWER





Energy recovery options

Assemblies with mixing box and free-cooling and registers

Aluminum panels and registers

Leak detector with infrared (self-calibration)

Double skin 50mm insulation (option)

Supply EC plug fans



EC outdoor fans for high-efficiency and low noise level

Lightweight and dimension optimization

VECTIC control optimizing performance and energy recovery

Optimized cooling circuits including tandem compressors and electronic expansion valves

Retrofit kit available for R-410a (option)



VECTIOS



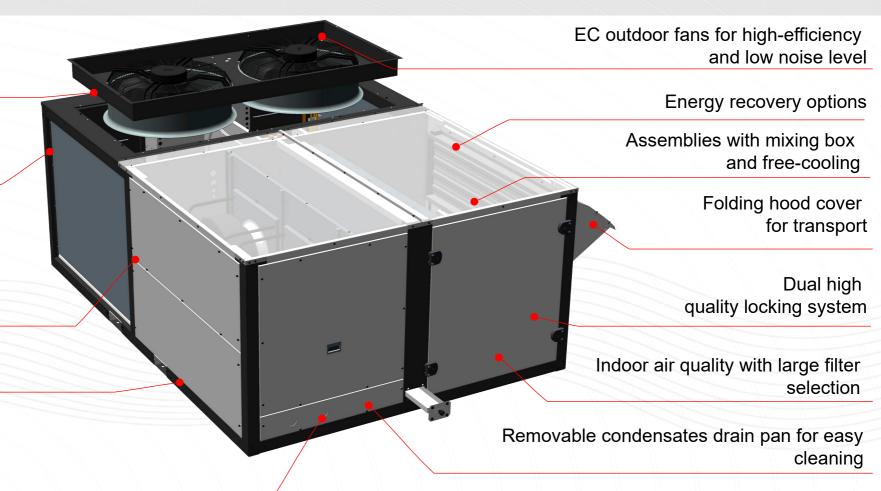


Easy access to the outdoor circuit by lifting the top panel with the fan(s)

Optimized cooling circuits including tandem compressors and electronic expansion valves

Supply EC plug-fans

Double wall insulated panels









CIAT ROOFTOP RANGES









VECTIOS

14 sizes

IPJ & RPJ versions

Cooling: 22 kW to 98 KW

Heating: 22 kW to 100 kW

Airflow: 4 080 m³/h to

19 200 m³/h

R-410A

VECTIOS R-454B

13 sizes

IPJ & RPJ version

Cooling: 23 to 91 KW

Heating: 22 to 89 KW

Airflow: 4 080 m3 /h to

19 200 m3/h

R-454B

VECTIOS POWER

12 sizes

IPJ version

Cooling: 101 kW to 281 kW

Heating: 100 kW to 308 kW

Airflow: 10 800 m3/h to

54 000 m3/h

Compatible with R-454B (retrofit kit)

R-410A

VECTIOS POWER R-454B

12 sizes

IPJ & RPJ versions

Cooling: 97 kW to 273 kW

Heating: 97 kW to 298 kW

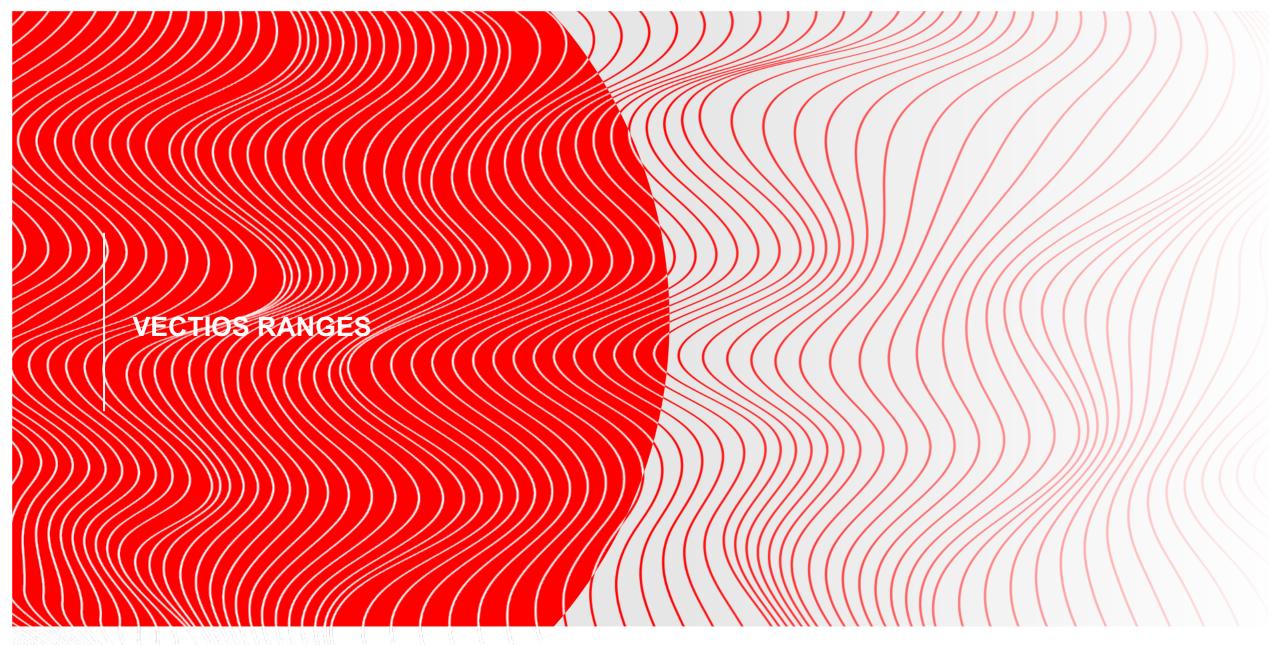
Airflow: 10 800 m³/h to

54 000 m³/h

R-454B

*IPJ: reversible heat pump version I **RPJ: only cooling version



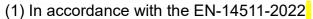




VECTIOS R-454B

R-454B

VECTIOS IPJ (heat pump version)	0090	0120	0140	0160	0180	0190	0200	0220	0240	0280	0320	0360	0380
MODEL / HOUSING													
Nomingal cooling capacity (KW) (1)	22.6	28.2	34.0	36.5	42.2	44.6	53.9	58.6	61.2	69.5	71.3	80.7	91.5
SEER (2)	5.07	5.07	4.75	4.59	4.49	4.49	4.94	4.96	5.01	4.81	4.68	4.58	4.61
Nominal Heating capacity (KW) (1)	22.1	28.0	33.3	35.9	41.8	44.6	51.2	56.3	59.1	68.1	70.5	79.8	89.8
SCOP (2)	3.60	3.55	3.54	3.48	3.59	3.58	3.65	3.80	3.56	3.64	3.64	3.70	3.66
Radiated Noise Level (db(A))	77.5	82	82,5	82.5	83	84	85	85.5	86	86	86	86	86.5
Nominal airflow (m3/h)	5100	6500	8500	8750	9000	9000	12000	12500	12500	15500	15500	16000	16000
Minimum airflow (m3/h)	4080	5200	6800	7000	7200	7200	9600	10000	10000	12400	12400	12800	12800
Maximun airflow (m3/h)	6120	7800	10200	10500	10800	10800	14400	15000	15000	18600	18600	19200	19200
Dimmensions (lenght x width x heigh) (2) (mm)	2.225 x 1.750 x 1.230						3.000 x 2.200 x 1.230 3.650 x 2.200 x 1.230						30
Nº circuits / Nº compressors	1/2						2/4						



⁽²⁾ In accordance with the EN-14825-2022 Dimmensions are based on C0/CS assembly



Eurovent certified values





VECTIOS R-454B

R-454B

VECTIOS RPJ (cooling only version)	0090	0120	0140	0160	0180	0190	0200	0220	0240	0280	0320	0360	0380
MODEL / HOUSING													
Nominal cooling capacity (KW) (1)	22.5	28.0	33.9	36.4	42.0	44.5	49.3	53.7	59.3	68.0	72.1	80.0	89.5
SEER (2)	5.06	5.06	4.75	4.58	4.48	4.48	4.86	4.79	4.71	4.69	4.71	4.52	4.45
Radiated Noise Level (db(A))	77.5	82	82,5	82.5	83	84	85	85.5	86	86	86	86	86.5
Nominal airflow (m3/h)	5100	6500	8500	8750	9000	9000	12000	12500	12500	15500	15500	16000	16000
Minimum airflow (m3/h)	4080	5200	6800	7000	7200	7200	9600	10000	10000	12400	12400	12800	12800
Maximun airflow (m3/h)	6120	7800	10200	10500	10800	10800	14400	15000	15000	18600	18600	19200	19200
Dimmensions (lenght x width x heigh) (2) (mm)	2.225 x 1.750 x 1.230							3.650 x 2.2	200 x 1.23	30			
Nº circuits / Nº compressors	1/2												

- (1) In accordance with the EN-14511-2022
- (2) In accordance with the EN-14825-2022 Dimmensions are based on C0/CS assembly







VECTIOS

R-410A

VECTIOS IPJ (heat pump version)	0090	0120	0140	0160	0180	0190	0200	0220	0240	0280	0320	0360	0380	0400
MODEL / HOUSING														
Nomingal cooling capacity (KW) (1)	22.3	27.8	33.5	37.0	41.7	44.1	53.2	57.7	60.3	68.3	72.3	80.8	90.3	98.2
SEER (2)	4.91	4.89	4.60	4.46	4.35	4.40	4.83	4.85	4.90	4.66	4.57	4.47	4.47	4.31
Nominal Heating capacity (KW) (1)	21.9	27.8	33.0	36.6	41.8	44.5	50.8	55.9	58.7	67.8	71.9	80.5	89.8	100
SCOP (2)	3.48	3.45	3.45	3.45	3.47	3.45	3.60	3.68	3.50	3.60	3.59	3.56	3.58	3.28
Radiated Noise Level (db(A))	77.5	82	82.5	82.5	83	84	85	85.5	86	86	86	86	86.5	88.0
Nominal airflow (m3/h)	5100	6500	8500	8750	9000	9000	12000	12500	12500	15500	15500	16000	16000	18000
Minimum airflow (m3/h)	4080	5200	6800	7000	7200	7200	9600	10000	10000	12400	12400	12800	12800	12800
Maximun airflow (m3/h)	6120	7800	10200	10500	10800	10800	14400	15000	15000	18600	18600	19200	19200	19200
Dimmensions (lenght x width x heigh) (2) (mm)	2.225 x 1.750 x 1.230							3.000 x 2.200 x 1.230 3.650 x 2.200 x 1.230						
Nº circuits / Nº compressors			1/2				2/4							

- (1) In accordance with the EN-14511-2022
- (2) In accordance with the EN-14825-2022



Eurovent certified values





Dimmensions are based on C0/CS assembly



VECTIOS

R-410A

VECTIOS RPJ (cooling only version)	0090	0120	0140	0160	0180	0190	0200	0220	0240	0280	0320	0360	0380
MODEL / HOUSING													
Nomingal cooling capacity (KW) (1)	22.8	28.7	34.7	38.7	43.2	44.9	49.6	53.9	59.6	68.4	72.4	80.5	90.0
SEER (2)	4.92	4.89	4.6	4.46	4.34	4.33	4.66	4.58	4.5	4.51	4.5	4.32	4.26
Radiated Noise Level (db(A))	77.5	82	82.5	82.5	83	84	85	85.5	86	86	86	86	86.5
Nominal airflow (m3/h)	5100	6500	8500	8750	9000	9000	12000	12500	12500	15500	15500	16000	16000
Minimum airflow (m3/h)	4080	5200	6800	7000	7200	7200	9600	10000	10000	12400	12400	12800	12800
Maximun airflow (m3/h)	6120	7800	10200	10500	10800	10800	14400	15000	15000	18600	18600	19200	19200
Dimmensions (lenght x width x heigh) (2) (mm)									3.650 x 2.2	200 x 1.23	30		
Nº circuits / Nº compressors							1/2						

- (1) In accordance with the EN-14511-2022
- (2) In accordance with the EN-14825-2022

Dimmensions are based on C0/CS assembly













VECTIOSPOWER R-454B

R-454B

HEAT PUMP	0420	0450	0500	0560	0620	0680	0720	0760	0840	0960	1050	1200
MODEL / HOUSING								/ III	Qit.		The state of the s	
Nomingal cooling capacity (KW) (1)	97.7	107	116	126	141	155	163	176	195	215	247	273
SEER (2)	4.91	4.79	4.69	4.91	4.76	4.71	4.72	5.04	4.86	4.84	4.75	4.70
Nominal Heating capacity (KW) (1)	97.2	107	118	127	144	158	166	184	203	228	271	298
SCOP (2)	3.53	3.53	3.51	3.51	3.49	3.44	3.45	3.47	3.46	3.47	3.46	3.44
Radiated Noise Level (db(A))	86	86.5	87	87.5	88	88.3	88.5	88.5	89.3	90.5	92	93
Nominal airflow (m3/h)	18000	19800	21600	23400	26100	28800	30600	32400	36000	39600	40400	45000
Minimum airflow (m3/h)	10800				14040				19440		24300	
Maximun airflow (m3/h)	25920			36720					46800		54000	
Nº circuits / Nº compressors							2/4					

- (1) In accordance with the EN-14511-2022
- (2) In accordance with the EN-14825-2022 Dimmensions are based on C0/CS assembly









VECTIOSPOWER R-454B

R-454B

Nomingal cooling capacity (KW) (1) 97.4 107 116 126 141 155 163 175 194 212 245 265 SEER (2) 5.10 4.93 4.84 5.08 4.91 4.86 4.87 5.19 5.01 5.00 4.90 4.85 Radiated Noise Level (db(A)) 86 86.5 87 87.5 88 88.3 88.5 89.3 90.5 92 93 Nominal airflow (m3/h) 18000 19800 21600 23400 26100 28800 30600 32400 36000 39600 40400 45000 Maximum airflow (m3/h) 25920 36720 46800 54000	COOLING ONLY VERSION	0420	0450	0500	0560	0620	0680	0720	0760	0840	0960	1050	1200
SEER (2) 5.10 4.93 4.84 5.08 4.91 4.86 4.87 5.19 5.01 5.00 4.90 4.85 Radiated Noise Level (db(A)) 86 86.5 87 87.5 88 88.3 88.5 89.3 90.5 92 93 Nominal airflow (m3/h) 18000 19800 21600 23400 26100 28800 30600 32400 36000 39600 40400 45000 Minimum airflow (m3/h) 10800 14040 19440 24300	MODEL / HOUSING											The state of the s	
Radiated Noise Level (db(A)) 86 86.5 87 87.5 88 88.3 88.5 88.5 89.3 90.5 92 93 Nominal airflow (m3/h) 18000 19800 21600 23400 26100 28800 30600 32400 36000 39600 40400 45000 Minimum airflow (m3/h) 10800 14040 19440 24300	Nomingal cooling capacity (KW) (1)	97.4	107	116	126	141	155	163	175	194	212	245	265
Nominal airflow (m3/h) 18000 19800 21600 23400 26100 28800 30600 32400 36000 39600 40400 45000 Minimum airflow (m3/h) 10800 14040 19440 19440 24300	SEER (2)	5.10	4.93	4.84	5.08	4.91	4.86	4.87	5.19	5.01	5.00	4.90	4.85
Minimum airflow (m3/h) 10800 14040 19440 24300	Radiated Noise Level (db(A))	86	86.5	87	87.5	88	88.3	88.5	88.5	89.3	90.5	92	93
	Nominal airflow (m3/h)	18000	19800	21600	23400	26100	28800	30600	32400	36000	39600	40400	45000
Maximun airflow (m3/h) 25920 36720 46800 54000	Minimum airflow (m3/h)					14	040			19440		24300	
Waximum aimow (mo/m) 20020 9720	Maximun airflow (m3/h)	25920			36720					46800		54000	
Nº circuits / Nº compressors	Nº circuits / Nº compressors							2/4					

- (1) In accordance with the EN-14511-2022
- (2) In accordance with the EN-14825-2022 Dimmensions are based on C0/CS assembly









VECTIOSPOWER



HEAT PUMP	0420	0450	0500	0560	0620	0680	0720	0760	0840	0960	1050	1200
MODEL / HOUSING									Cur			
Nomingal cooling capacity (KW) (1)	101	110	120	130	145	159	168	181	201	221	250	281
SEER (2)	4.76	4.64	4.55	4.76	4.62	4.57	4.58	4.88	4.71	4.70	4.61	4.56
Nominal Heating capacity (KW) (1)	100	110	121	131	148	161	171	190	210	235	280	308
SCOP (2)	3.44	3.44	3.42	3.43	3.41	3.37	3.38	3.4	3.38	3.39	3.38	3.37
Radiated Noise Level (db(A))	86	86.5	87	87.5	88	88.3	88.5	88.5	89.3	90.5	92	93
Nominal airflow (m3/h)	18000	19800	21600	23400	26100	28800	30600	32400	36000	39600	40400	45000
Minimum airflow (m3/h)	10800			14040					19440		24300	
Maximun airflow (m3/h)	25920			36720					46800		54000	
Nº circuits / Nº compressors	2/4											

- (1) In accordance with the EN-14511-2022
- (2) In accordance with the EN-14825-2022 Dimmensions are based on C0/CS assembly







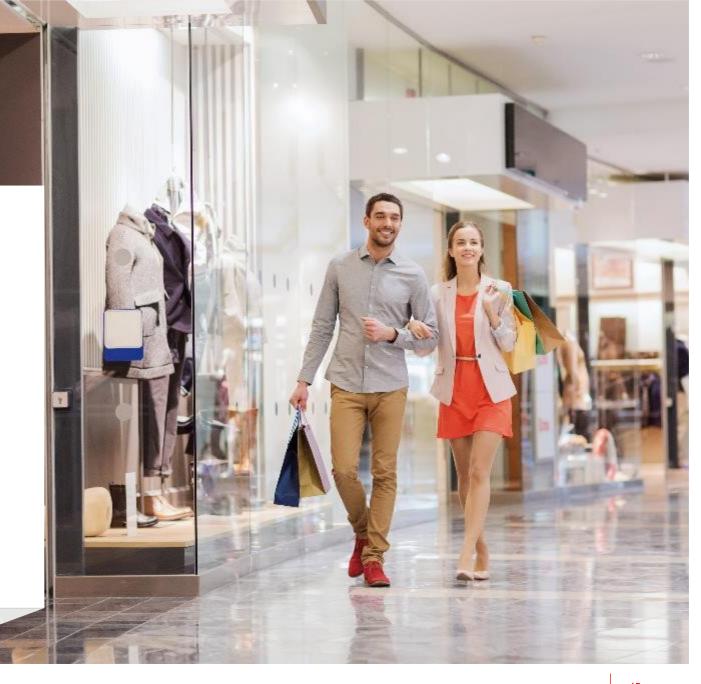


VECTIOS AND VECTIOSPOWER PERFECTLY SUITED FOR MANY APPLICATIONS



EXPERTISE IN RETAIL APPLICATIONS

- Customers' total comfort
- Optimized indoor air quality
- Multi-zone control
- Energy recovery system using hot water from refrigeration systems
- Energy savings
- Peace-of-mind with supervision



EXPERTISE IN LOGISTICS APPLICATIONS

- Optimized airflow / capacity ratio
- Custom indoor air quality
- Multi-zone control
- Energy savings



EXPERTISE IN CINEMAS

- Up to four rooms
- Ventilation based on occupancy
- Overpressure control
- High indoor air quality
- Energy savings
- Energy recovery
- Peace-of-mind with supervision



EXPERTISE IN INDUSTRIES

- Temperature and humidity control
- Extended life cycle
- Flexible configuration
- Continuous operation for critical spaces with back-up unit management
- Energy savings



EXPERTISE IN EXHIBITION VENUES

- Optimized airflow / capacity ratio
- Customers' total comfort
- Ventilation
- High indoor air quality
- Energy savings
- Peace-of-mind with supervision



EXPERTISE IN OFFICES

- Occupants' total comfort
- High indoor air quality
- Ventilation
- Multi-zone control
- Energy savings





CHOOSE A SINGULAR PARTNER

TO SERVE YOUR PERFORMANCE



WE TRULY UNDERSTAND EACH VERTICAL SEGMENT



WE **DESIGN AND MANUFACTURE** WHERE YOU ARE, IN EUROPE





















3 Production Sites



WORLD CLASS AIRSIDE FACILITIES

Rooftop's expertise

Our teams in Montilla, southern Spain have in-depth expertise in rooftop, packaged, preconditioned air (PCA) for aircraft and dehumidifier units. The center houses the largest HVAC factory in Spain and offers specialized laboratories, as well as Europe's biggest aircraft preconditioner air units laboratory.

Customization

The Montilla Center of Excellence has an engineering team specifically dedicated to customization projects. It can also mobilize its specialized commissioning PCA team worldwide and offers technical data acquisition for technical documentation, as well as remote test supervision for special on-site applications.



#CIAT4life

THE 4 PILLARS OF INDOOR AIR QUALITY



Confidence:

At the center of our relationship, to guarantee that your result is optimal and lasting.



Advice:

Providing effective help at each stage, whatever your project.



Tailored:

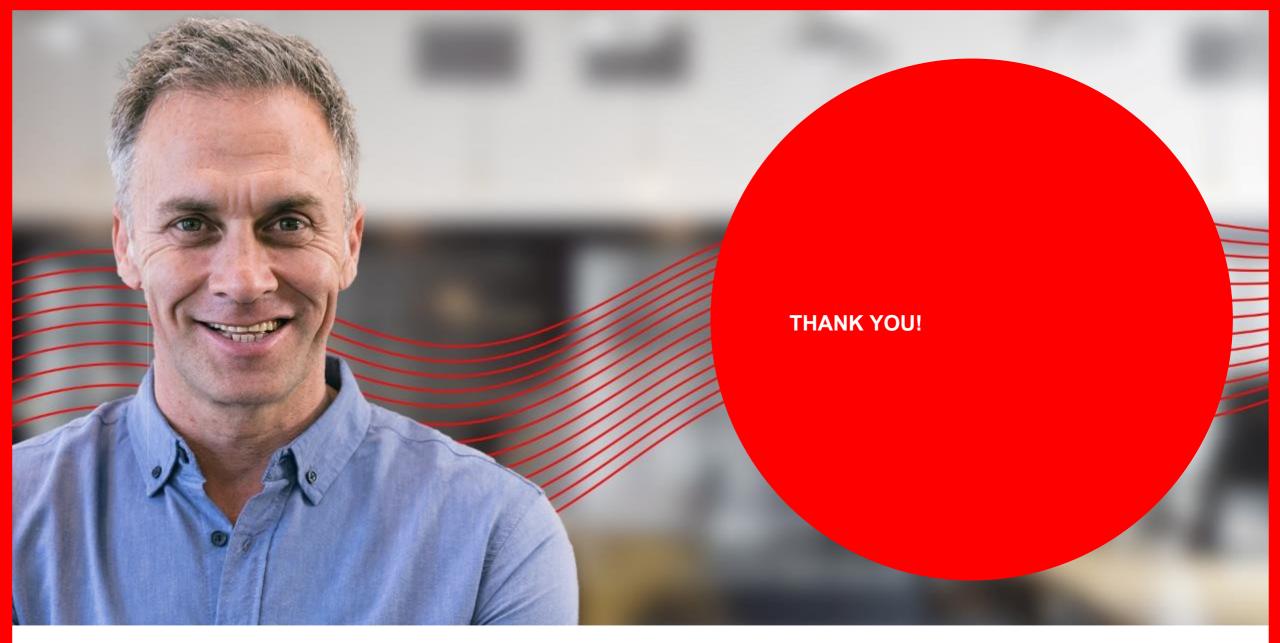
Expert solutions that meet the demands specific to your sites.



Efficiency:

Reliable and efficient technology and commissioning that have repeatedly proven themselves.









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