



Daikin Qatar

CORPORATE PROFILE





Daikin Middle East and Africa FAMILY







This is our MISSION

Creating Value for Tomorrow

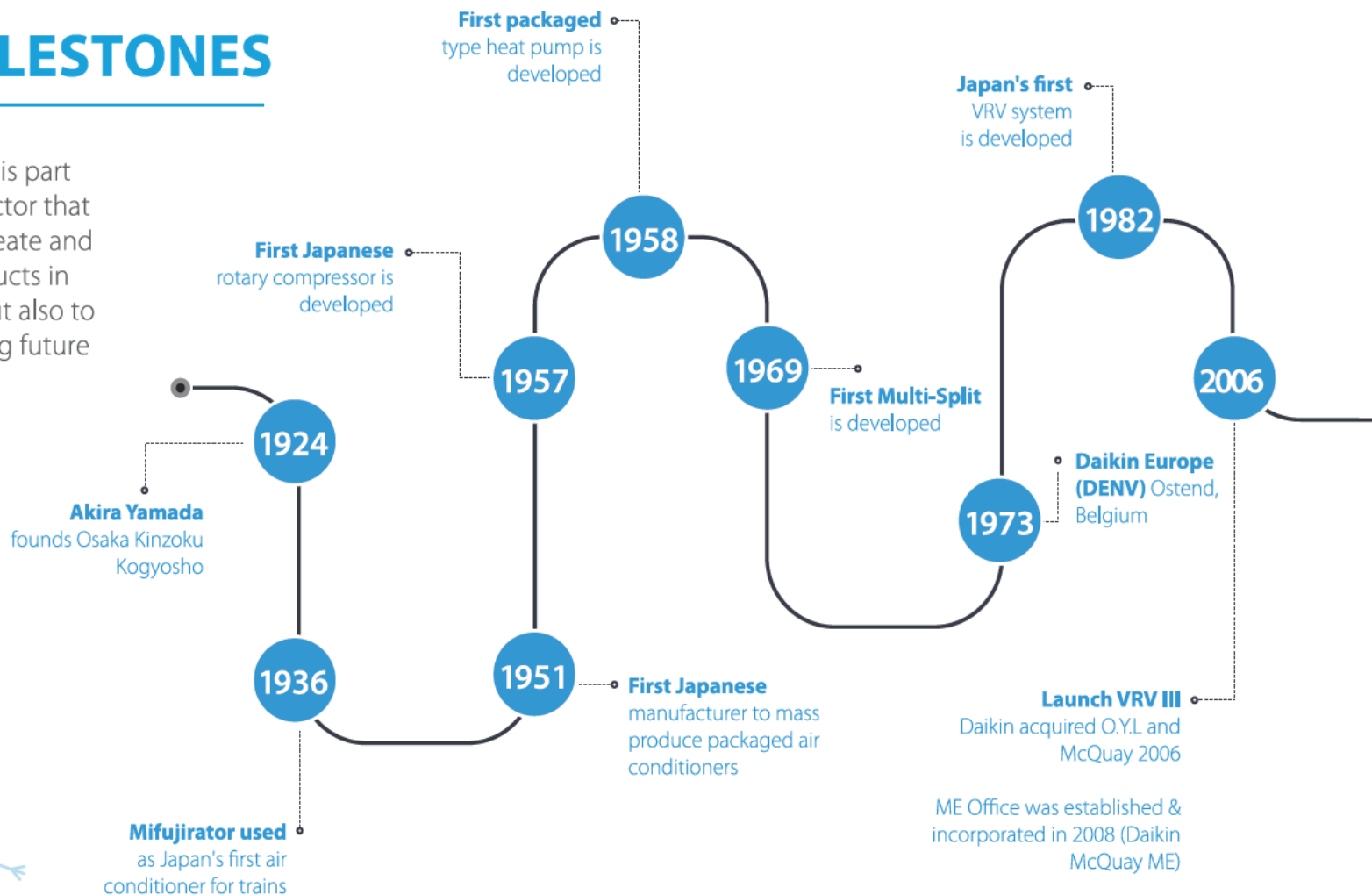
Air is something that surrounds us 24 hours a day. At Daikin, the future of the world's air is our greatest concern. We use our expertise about air, our passion for innovation and our mastery of technology to improve the air we breathe. This is our mission.

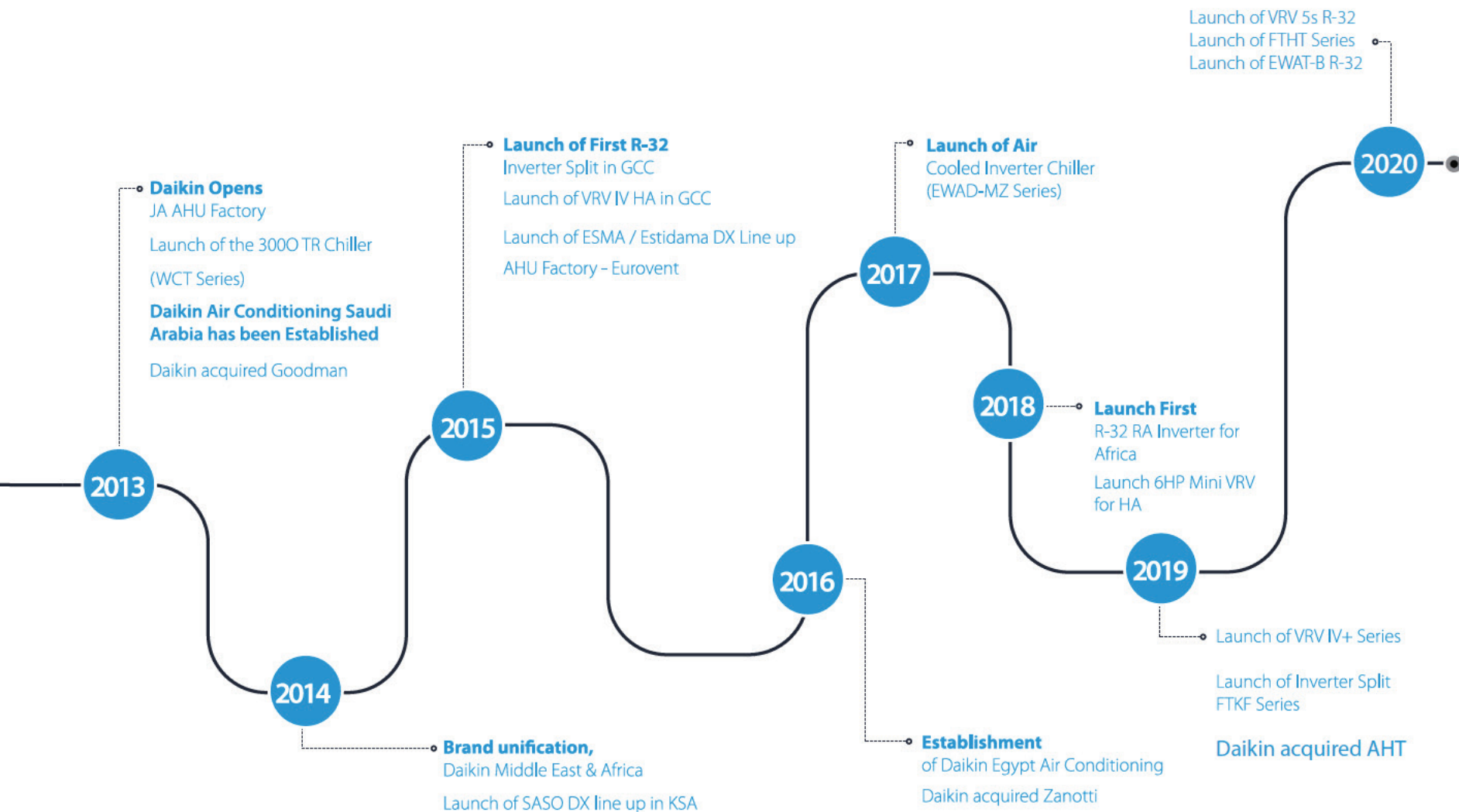




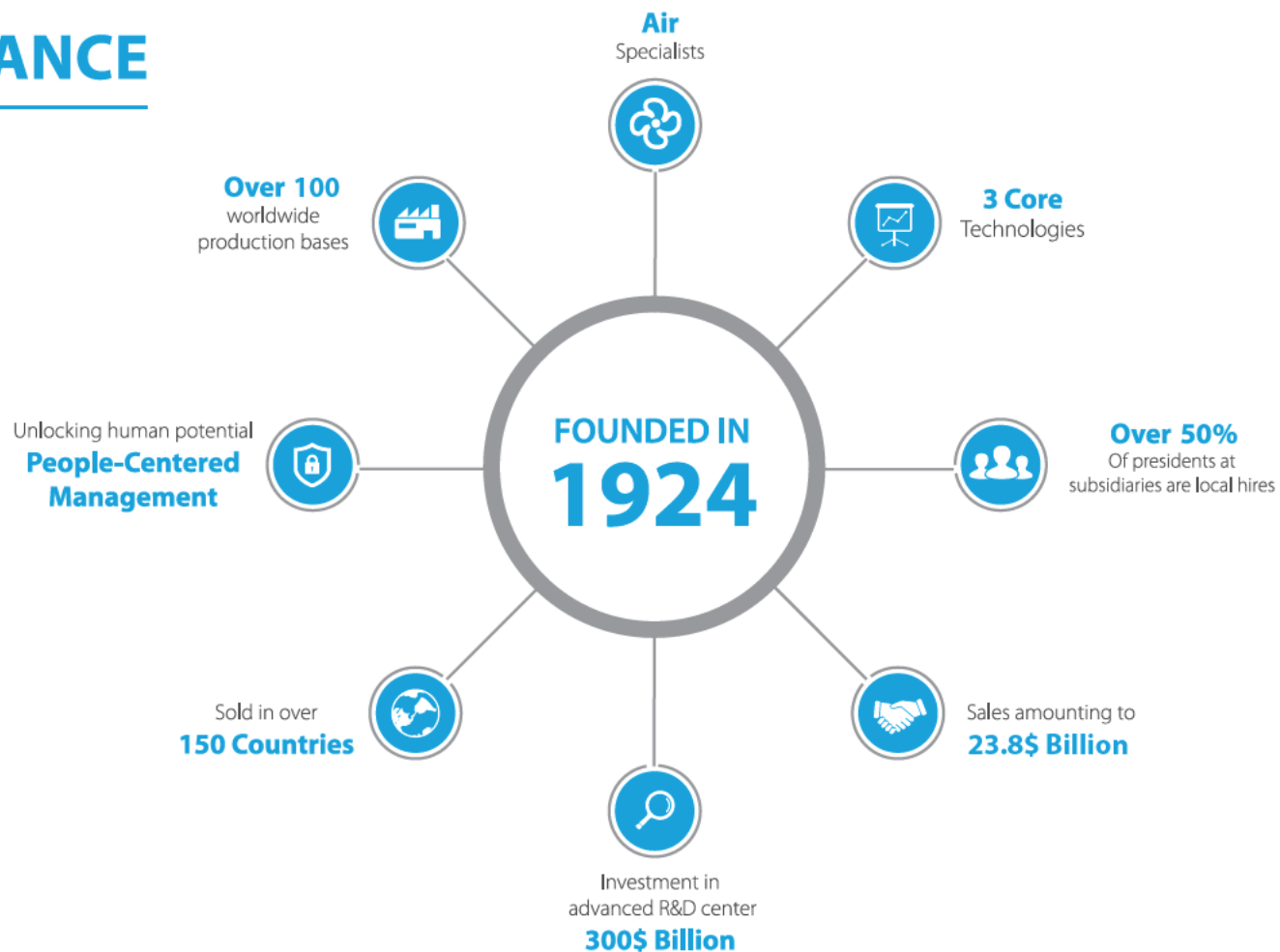
Daikin's MILESTONES

We believe innovation is part of our DNA, and is a factor that helps us not only to create and develop the best products in the HVAC-R market, but also to be a leader in delivering future air solutions.





Daikin at a **GLANCE**



LEADING IN CORE TECHNOLOGIES

Daikin leads the air conditioning market in three cutting-edge core technologies.

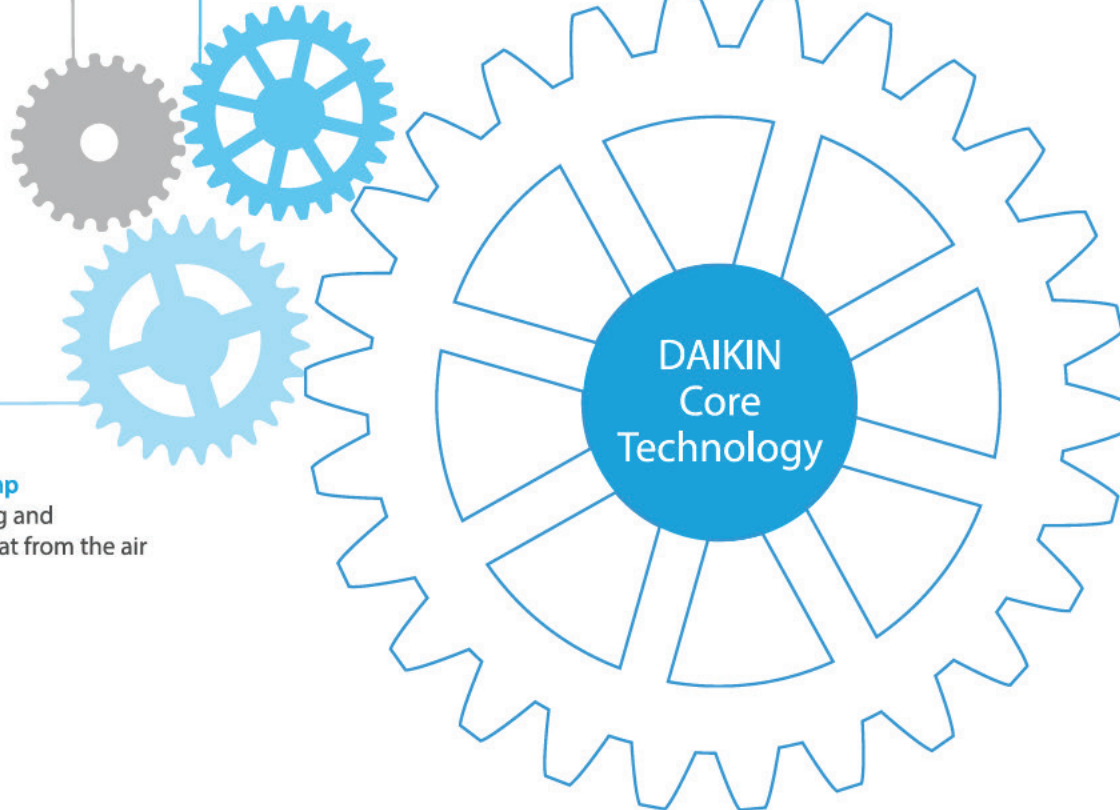
Refrigerant control
Efficient heat transport

R-32

Inverter
Contributes to greater energy savings & comfort

INVERTER

Heat pump
Absorbing and Moves heat from the air





Bringing the **WORLD** Healthy, Comfortable **LIFESTYLES**

Daikin is a global manufacturer with overseas sales accounting for more than 70% of the group total and overseas employees accounting for 80% of the group workforce. In our businesses of air conditioning and fluorochemicals, we respond to customers' needs by providing products that make people and space healthier and more comfortable.



Daikin Business **OVERVIEW**

CORPORATE DATA (as of March 31, 2020)

Company name ▶ Daikin Industries, Ltd.

Head office ▶ Osaka (Japan)

President & CEO ▶ Mr. Masanori Togawa

Founded ▶ Oct 25, 1924

Cons. Turnover ▶ 23.8 billion USD

Employees ▶ 80,369

Group Companies ▶ 313 consolidated subsidiaries
(29 in Japan, 284 overseas)



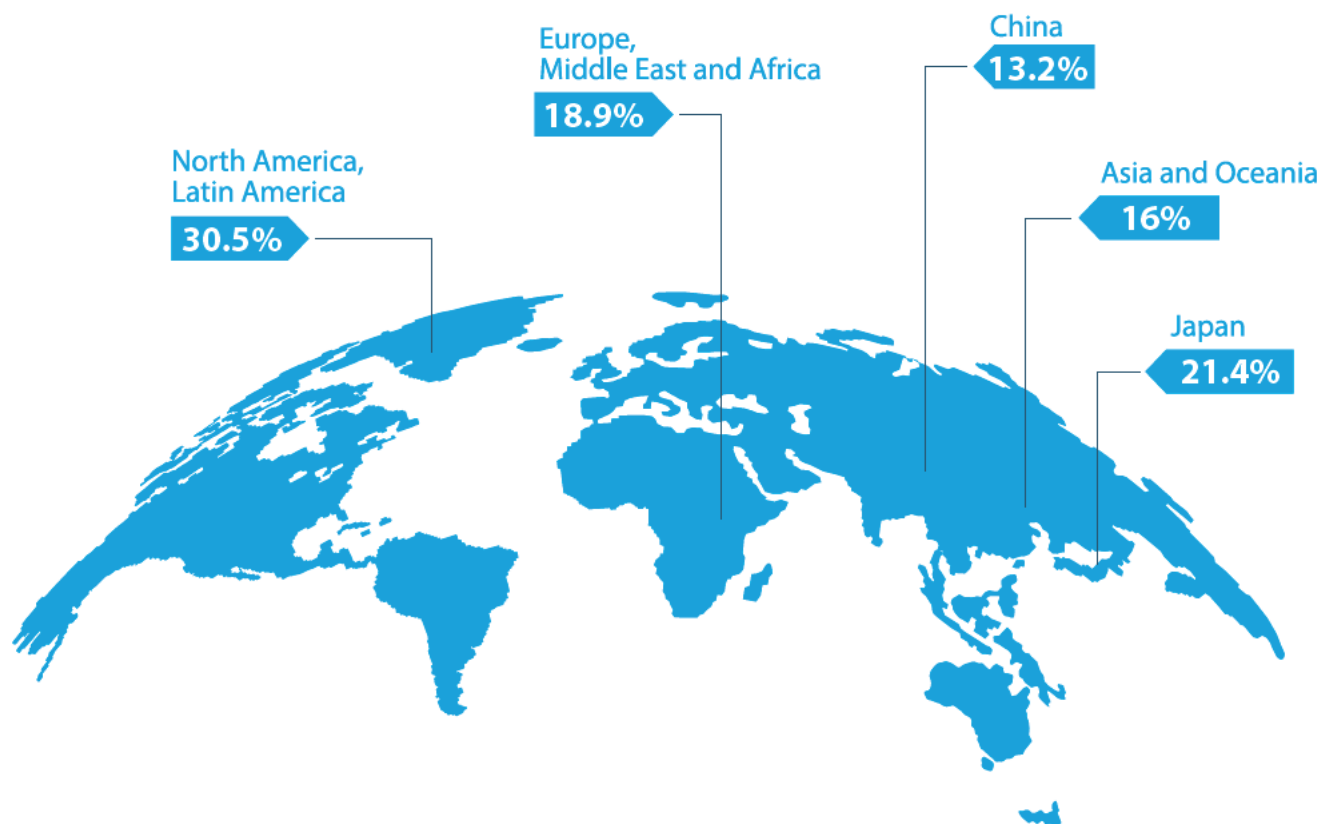
313 Subsidiaries

23.8 Billion \$ Sales
(FY2019)

80,369 Employees



Consolidated Sales by region **FY2019**



Air Conditioning/ Refrigeration Equipment

Achieving both comfort and environmental performance to meet all global air conditioning needs.

- Air Purifiers
- Residential Air Conditioners
- Commercial Air Conditioners
- Hot Water and Space Heaters
- Air Conditioning Systems
- Air Filters
- Refrigeration Equipment

Chemicals

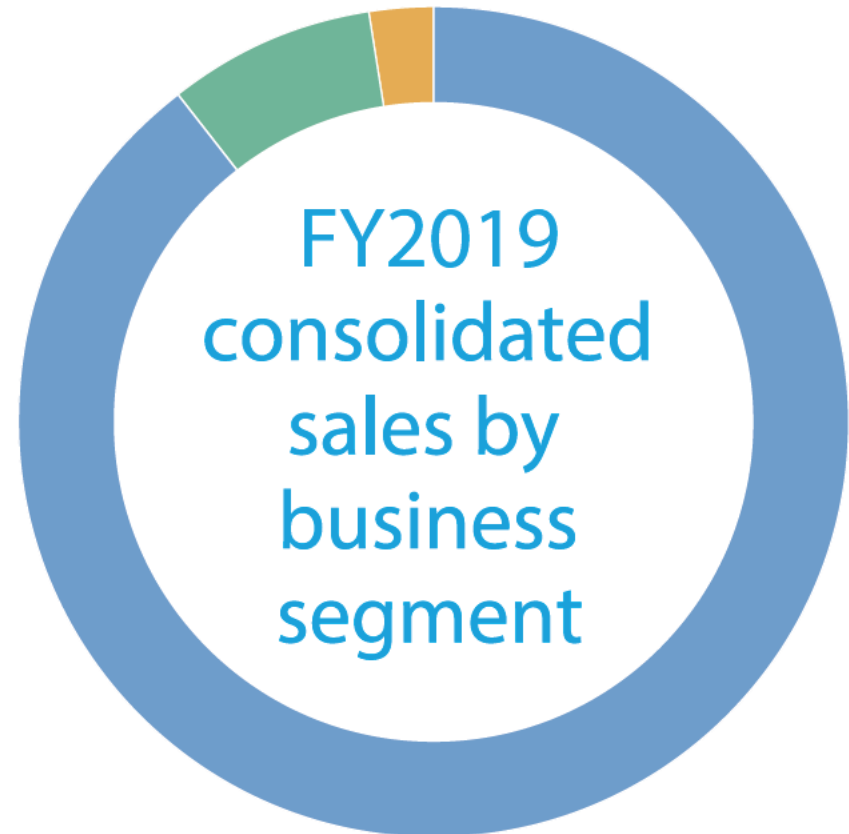
Utilizing the characteristics of Fluorochemicals and contributing to a wide range of fields.

- Automotive Field
- Semiconductor Field
- Information and Telecommunication Field

Oil Hydraulics, Defense Systems and Electronics

Proprietary technologies at work in a range of industries IT Solutions.

- Machine Tools
- IT Solutions
- In-Home Medical Equipment



91 % ■ Air Conditioning/Refrigeration Equipment

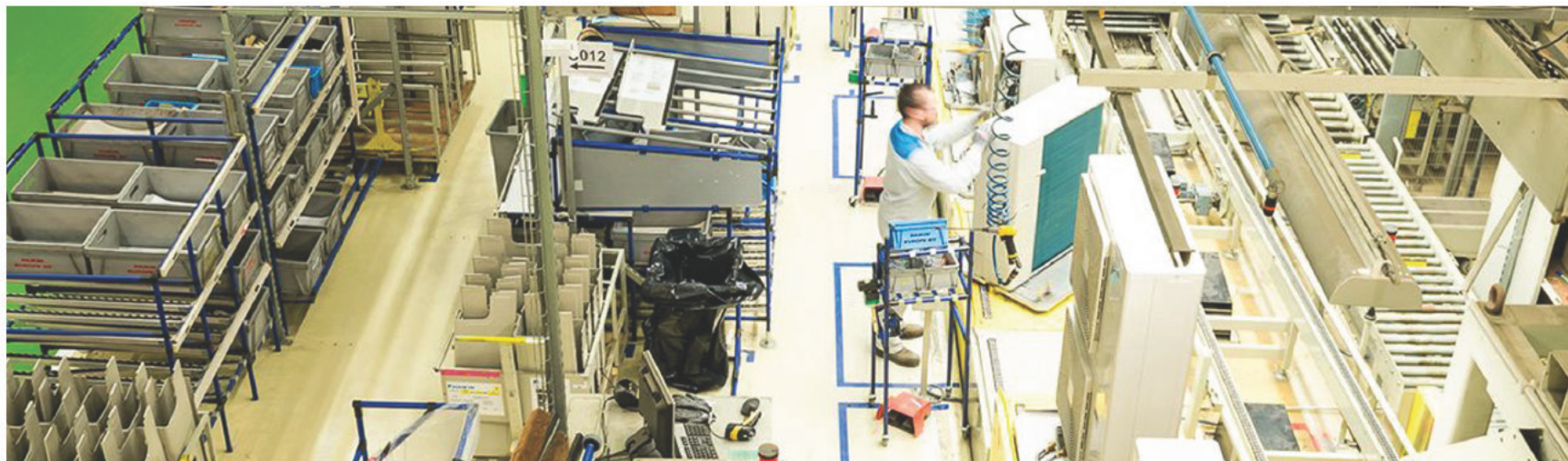
7% ■ Chemicals

2% ■ Oil Hydraulics, Defense Systems and Electronics



Daikin products are used in more than **150 COUNTRIES WORLDWIDE**

Wherever you are in the world, regardless of region, season or culture, we ensure that your home, office or business gets the highest quality of air and comfort with our top-of-the-line products and total solutions.



Product Development Bases **WORLDWIDE**

Over 100 production bases worldwide to meet a wide range of individual needs and preferences for now and in the future.

OVER
100

WORLDWIDE
PRODUCTION BASES





Handle any space anywhere from **10m² TO ∞**

We support all project sizes -

From the smallest villa to the tallest tower

Factory

District

Villa



Hospital



Tower
















Stadium












Product RANGE



50 Hz (46°C OD)

High Ambient


DX Indoor Unit	Indoor Series	Product Picture	Cooling Capacity Class TMBH (Nominal)											
			12	18	20	24	25	28	30	36	40	48	50	60
Wall Mounted	FTKM- PVMK 			●		●		●						
	FTKF-TVK 		●	●										
	FTXM-PVMK 			●		●		●						
	FTHF 		●	●		●								
Ducted Split	FDMRN-AV1 K(RE)				●		●		●	●			●	●
	FBCQ-RZR 											●		
	FDMF-AVMK 			●		●			●	●				

● R32- ● Refrigerant R410-A









Higher Capacity DX & Rooftop	Indoor Series	Product Picture	Cooling Capacity Class TMBH (Nominal)								
			60	90	120	150	180	210	240	270	300
Rooftop (Packaged Unit)	UATQ-CGXY1										










VRV IV Air Cooled (HP)	Series	Product Picture	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Air Cooled Heat Pump	RXYTQ-U7YF			●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	RXYSQ-TYF		●	●	●	●																		




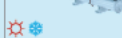
VRV X Air Cooled	Series	Product Picture	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Cooling Capacity (kW) T1			15.3	22.4	28.0	33.5	40.0	45.0	50.4	55.9	61.5	67.4	73.5	78.5	85.0	90.0	95.4	100.9	107.4	173.0	118.0	123.5	130.0	135.0
Air Cooled Cooling Only	RXQ-ARYFK		●	●	●	●	●	●																
								○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○







VRV IV Water Cooled (HP)	Series	Product Picture	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
Water Cooled Heat Pump & Heat Recovery	RWEYQ-T		●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○

● Single Unit ○ Multi Combination

VRV IV Indoor Units	Series	Product Picture	15	20	25	32	40	50	63	71	80	100	125	140	200	250
Cooling Capacity (kW)			1.7	2.2	2.8	3.6	4.5	5.6	7.1	8	9	11.2	14	16	22.4	28
Ceiling Mounted Cassette	FXFQ-BVEB			●	●	●	●	●	●		●	●	●			
	FXZQ-A2VEB		●	●	●	●	●	●								
Concealed Ceiling Unit	FXDQ-A3VEB		●	●	●	●	●	●	●							
	FXSQ-A2VEB		●	●	●	●	●	●	●		●	●	●	●		
	FXMQ-P7VEB9							●	●		●	●	●			
	FXMQ-140PVE							●	●		●	●	●			
	FXMQ-MAVE													●	●	●
Wall Mounted	FXAQ-PVER1						●	●	●							
	FXAQ-PVE			●	●	●										
Ceiling Suspended	FXHQ-AVEB					●			●			●				
	FXUQ-AVEB									●		●				
Floor Standing	FXUQ-P2VEB			●	●	●	●	●	●							
	FXNQ-A2VEB			●	●	●	●	●	●							

Air Cooled Chillers & Heat Pumps	Product Picture	Cooling Capacity, TR (Nominal)													
		50	100	150	200	250	300	350	400	450	500	550	600	650	
EWA(Y)Q-AC/CW (Scroll) 2- 20 TR															
UAL (Scroll) 18- 37 TR per module		Multi-Modular Combination - Up to 16 Modules													
EWA(Y)T-B (Scroll) 25-200 TR															
EWAD-D (Screw) 70-175 TR															
EWAD-C (Screw) 215- 575 TR															
EWAD-M/ T (Screw) 85- 625 TR															
EWAD-MZ/ TZ (Screw) 110- 525 TR															
EWAH-TZ (Screw) 50- 455 TR															
EWYD-4Z (Screw) Multipurpose 4 pipe 110- 225 TR															

Water Cooled Chillers & Heat Pumps - Positive Displacement	Product Picture	Cooling Capacity, TR (Nominal)													
		50	100	150	200	250	300	350	400	450	500	550	600	650	
EWWQ- KBW1N/ G/ L (Scroll) 4- 206 TR															
EWWD-J (Screw) 34- 80 TR															
EWWD-VZ 125- 575 TR															
EWWH-VZ 125- 425 TR															

Water Cooled Chillers - Centrifugal	Product Picture	Cooling Capacity, TR (Nominal)													
		250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	
WMC (Oil Free) 85- 400 TR															
WME (Oil Free) 400- 1500 TR															
DWSC 300- 1300 TR															
DWDC 600- 2600 TR															
WTC 1050- 1600 TR															
WCT 2100- 3250 TR															



Cooling



Heat Pump



R-410A









R-134a





R-32

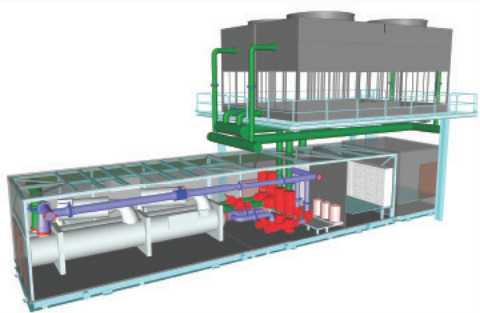


R-1234ze

Chilled Water Fan Coil Units	Product Picture CFM	200	300	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000	4000	4600
FWW-DA																			
FWW-C / F / H																			
FUW																			
FWC-FD																			
FUD																			
FWE																			

Air Handling Units	Product Picture CFM	300	650	1000	5000	10000	15000	20000	25000	30000	35000	40000	50000	53000	60000	70000	80000	83000	
D-AHU																			
DDM-AHU																			

● Refrigerant R134-a ● Refrigerant R410-A



Modular Chiller Plant

The MCP combines a chiller, cooling tower, pumps and piping in a factory engineered factory assembled package including commissioning and after sales support. This innovative system is the ideal alternative to site-built central plants when an owner desires a factory engineered solution and when space or construction schedules are critical constraints.

Daikin in **REFRIGERATION**

We know refrigeration
inside out

- We have over 100 years of experience in the Refrigeration business.
- We can meet all refrigeration needs from farm to fork, thanks to our wide range of refrigeration products.
- Innovative and Reliable own technology and expertise on Refrigerants, controls and compressors!
- Your advisor for solutions to meet your needs in line with legislation (F-gas regulation, ecodesign,...) and with focus on reliability, safety, Total Equivalent Warming impact (see page 7) and running cost.



Controlled temperatures throughout the whole
supply chain

POST HARVEST PROCESSING



Transport ref
LONG Distances

FOOD PROCESSING



Transport ref
MEDIUM Distances

WAREHOUSING



Transport ref
SHORT Distances



We can meet all refrigeration needs from farm to fork

Our extended product line-up is able to provide solutions for:





The core facility for DAIKIN TECHNOLOGY



The Technology and Innovation Center (TIC) aims to create new value based on the world's best technologies and highly differentiated products. For this reason, people of diverse backgrounds gather across the national borders from inside and outside the company to consolidate their strengths and passion in making TIC a venue for facing the challenge of realizing collaborative innovation.





Invest **IN** Innovation & **NEW TECHNOLOGIES**



Home to over 700 engineers working under the concept of bringing together people and technologies from around the world for Daikin style collaborative creation.



Zero-emission building



Daikin Group's core facility for global innovation and development

People-Centered Management
80,369 people supporting **YOU**





Daikin - **THE FACTORY OF THE FUTURE AWARD**

The Factory of the Future award is presented by "Made Different", a joint organisation that promotes the future of manufacturing in Belgium.

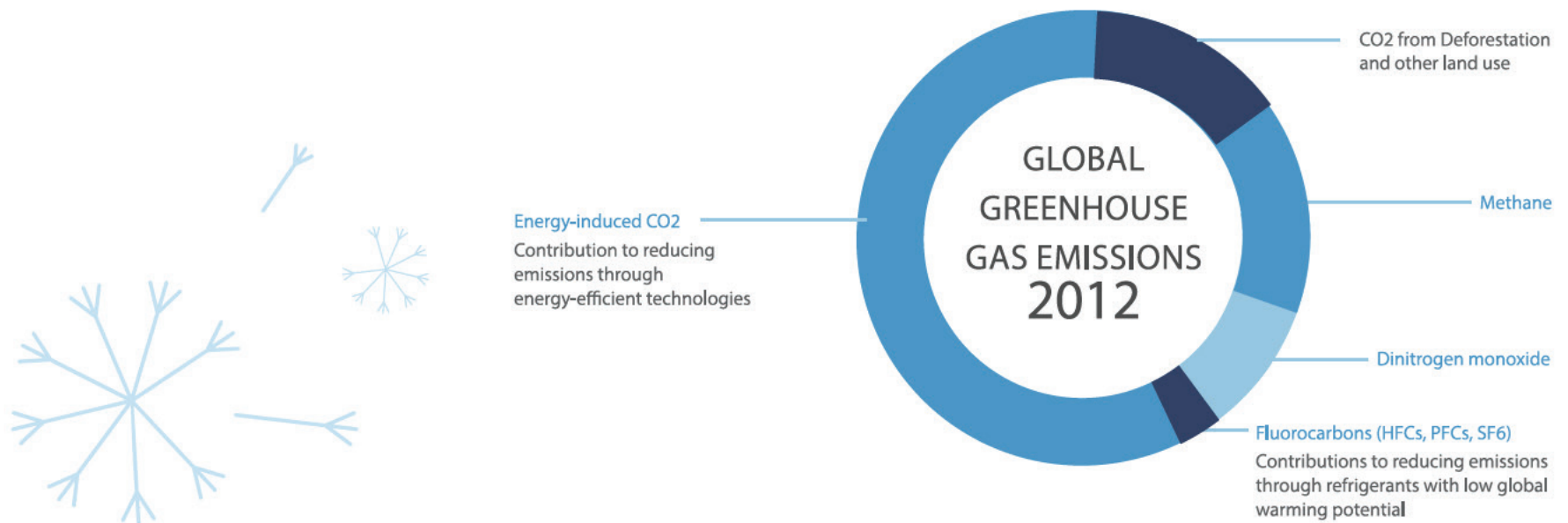


Environmental VISION 2050

Daikin formulated Environmental vision 2050, the aim of which is to contribute to solving increasingly serious global environmental problems over the long term. With the aim of reducing to zero the CO₂ emissions caused by our business activities and our products and services, we set targets and implement measures every five years under our fusion strategic management plans. We will reduce the CO₂ emissions generated throughout the entire life cycle of our products.

Furthermore, we will create solutions that link society and customers as we work with stakeholders to reduce CO₂ emissions to zero.

Using IoT and AI and open solutions, we will meet the world's needs for air solutions by providing safe and healthy air environments while at the same time contributing to solving global environmental problems.





Daikin MIDDLE EAST & AFRICA

CORPORATE DATA (as of 2020)

Company name ▶ Daikin Middle East & Africa FZE

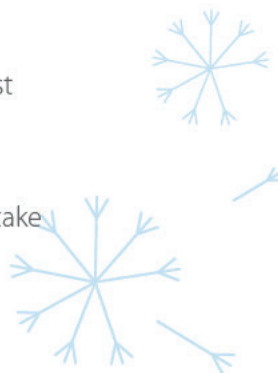
Head office ▶ Dubai – UAE

Chairman ▶ Mr. Masaaki Miyatake

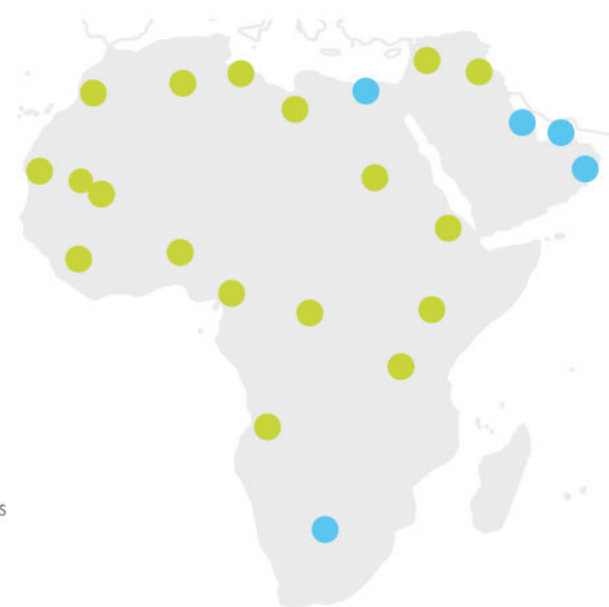
Employees ▶ ~ 500

Daikin Direct Presence ▶ 5

Daikin Distributors & Dealers ▶ ~ 100 +



● Daikin Affiliates
● Daikin Distributors





Daikin QATAR

CORPORATE DATA (as of 2020)

Company name

- ▶ Daikin Trading and Air Conditioning Solutions

Head office

- ▶ Doha, Qatar

Date of Establishment

- ▶ 2020



Service **CAPABILITIES**



Training and Development



Spare Parts Inventory



24/7 Support



Skilled Applied Products
Technicians

SERVICES OFFERED:

- Annual Maintenance Agreements-Repairs & Overhauls
- Onsite repairs
- Compressor rebuilding of Various Types
- Upgrades

SPECIAL SERVICES- NDT:

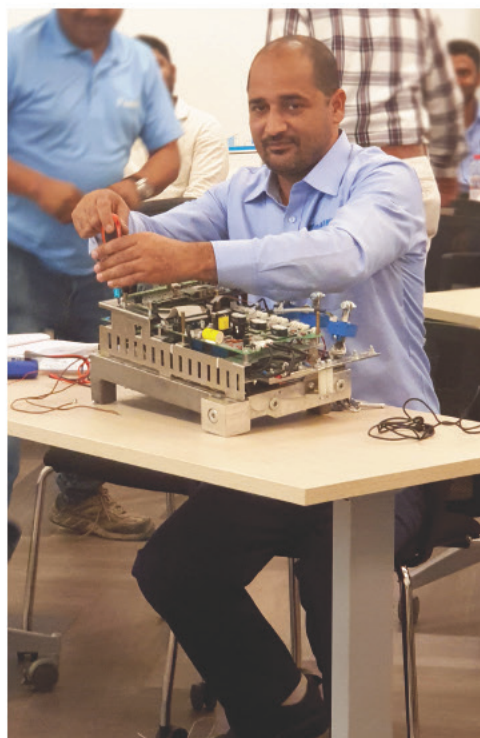
- VRV Project Management
- Training & Development
- Spare Parts Support



Daikin ACADEMY



At our fully operational Regional Training Academy, the cumulative growth of all group members serve as the foundation for the group's development, in line with the Daikin Group Philosophy.

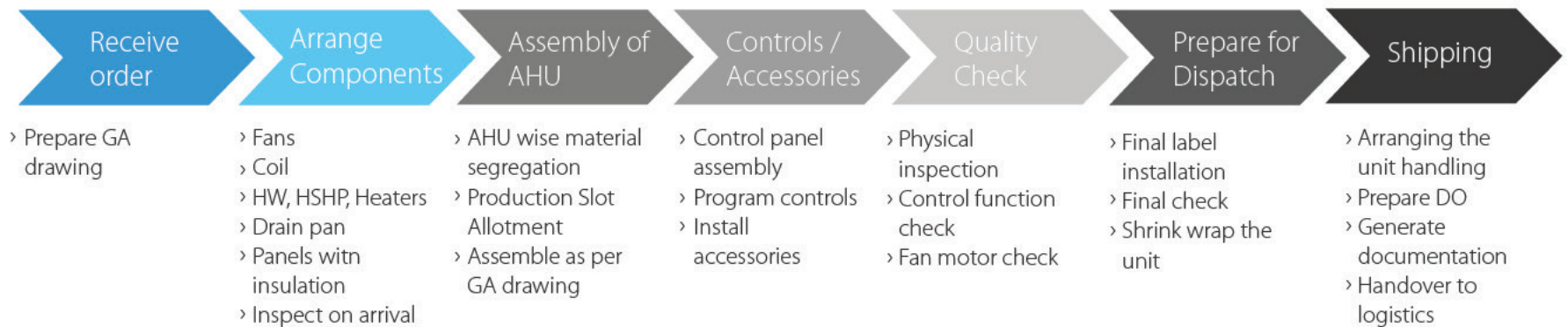




AHU FACTORY



General Process



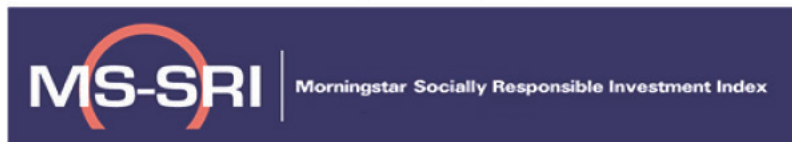


Daikin HONORS

Overall CSR (Including SRI)

Daikin Industries, Ltd.

- Chosen for inclusion in the Morningstar Socially Responsible Investment Index



- Chosen for inclusion in the MSCI Japan ESG Select Leaders Index



- Chosen for inclusion in the MSCI Japan Empowering Women Index (WIN)
- Daikin's Sustainability Report 2017 won the Review Board Special Award of Excellence in the Environmental Communication Awards.
- Won the Best IR Award as selected by the Japan Investor Relations Association

Daikin Middle East and Africa FZE

- Was awarded the Dubai Chamber CSR Label by the Dubai Chamber of Commerce and Industry for two years in a row



Daikin (China) Investment Co., Ltd.

- Won the Sustainable Best Practices Award from the Shanghai Daily

Environmental Honors

Daikin Industries, Ltd.

- Received a rating of "A-" in climate performance by the Carbon Disclosure Project (CDP), an international NGO
- FY 2017 Energy Conservation Grand Prize
- Received the Director-General Prize of Agency for Natural Resources and Energy, for achieving a ZEB-type office using state-of-the-art air conditioning technologies and optimal management
- Received the Chairman Prize of Energy Conservation Center, Japan (ECCJ) for the VRV Q Series for replacement use
- Received the Chairman Prize of Energy Conservation Center, Japan (ECCJ) for the HEXAGON Force air-cooled heat-pump modular chiller



Daikin Airconditioning India Pvt. Ltd.

- Received the Most Energy Efficient Air Conditioners Award from the Government of India

Goodman Global Group, Inc.

- Earned LEED Gold certification for office buildings in DTPP under the LEED green building certification system



Human Resource Honors

Daikin Industries, Ltd.

- Granted Nadeshiko Brand designation for the fifth time, and the fourth consecutive year, by the Ministry of Economy, Trade and Industry
- Awarded the highest level of certification (L-boshi certification) from Japan's Ministry of Health, Labor and Welfare for being a company that shows excellence in promoting the talents of women in the workplace
- Awarded the highest rating, 5 stars, in the NIKKEI Smart Work survey conducted by Nikkei Inc., which assesses companies based on the adoption of diverse, flexible work practices



Daikin (China) Investment Co., Ltd.

- Won the China Model Human Resources Hiring Company Prize in awards sponsored by 51job, China's leading human resource solutions provider

Daikin Compressor Industries, Ltd.

- Received a Prime Minister's Industry Award (Safety Management category) from Thailand's Ministry of Industry

Daikin Malaysia Sdn. Bhd.

- Won a Gold Class 1 Award from the Malaysian Society for Occupational Safety and Health (MSOSH)

Daikin Applied (UK)

- Awarded Gold level in the Better Health at Work Awards

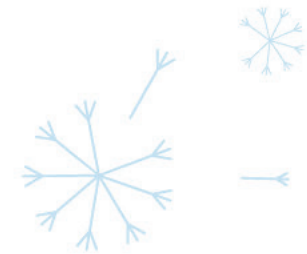
Honors for Customer Satisfaction

Daikin Industries, Ltd.

- Daikin's risora residential air conditioner won a iF Design Award and a Good Design Award
- The cocotas multi-cassette-type air conditioner for small spaces was selected a Good Design Best 100 in the Good Design Awards
- Won an Award of Excellence in the Service and Hospitality Awards sponsored by the Japan Institute of Information Technology (JIIT)
- For the third consecutive year, received the Directors Award in the Corporate Telephone Answering Contest sponsored by the Japan Telecom Users Association (JTUA). First company in the manufacturing industry to be selected a Gold Ranked Company



Local AWARDS



Manufacturer of the Year



■ DX ■ VRV ■ Chillers

Innovative Manufacturer of the Year



■ Standalone DX ■ VRF ■ Chillers

Oman Most Trusted Brand Awards



2017 - 2018 - 2019

Green Building Product of the Year – Energy Management



■ Split Inverter (2017) ■ VRV System (2018)

Superbrands 2020



UAE Retrofit Tech Awards



Best Innovation in HVAC (2018)

Compliance and REGULATIONS

Daikin adheres to national regulations and follow the internationally recognized certification programs.







Corporate Social RESPONSIBILITY

Daikin has grown rapidly as a global corporate group. This expansion has brought with it greater demands from society and a need for greater Corporate Social Responsibility (CSR).

Our view of CSR

CSR helps us to fulfil our social responsibilities in all our relationships with our stakeholders, worldwide. It raises our corporate value and contributes to society's sustainable development. We will contribute to society via our business activities, based on legal compliance and ethics. We will be highly sensitive to the needs of every region while we make our contribution to society. We will make CSR a continuous and integral part of our business activities so that they contribute to better business performance. Our CSR activities will always be carried out through open, two-way communication with society and will ensure that we are always accountable for, and transparent in, everything we do.

Key CSR themes

Four key themes have been defined for the value we provide:

- **The environment**
- **Customer satisfaction**
- **New value creation**
- **Human resources**

We have established five CSR themes fundamental to our business activities:

- **Corporate governance**
- **Supply chain management**
- **Respect for human rights**
- **Stakeholder engagement**
- **Communities**

Daikin Trading and Air Conditioning Solutions

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Daikin Qatar



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