



Climate Solution for Green Environment

Welcome to Midea Commercial Air Conditioning



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Successful Project of MCAC

Midea Group Introduction

Midea Group General Introduction



- Revenue exceeded USD 9.8 Billion In 2007
- Overseas revenue totaled 2.5 Billion USD in 2007
- Sales from Air Conditioning products accounted for almost 30% of sales volume in 2006
- Brand Value of RMB of 31.2 Billion in 2006
- 7th most valuable brand name in China
- Products sold in over 130 different countries and regions
- Total employees: Approximately 80,000
- Customers include: GE, Siemens Bosch, Electrolux, Carrier, York, Fisher & Paykel and more

History of Midea Group



Chairman of the Board of
Directors in Midea group

1968

Establishment

1970

1981

Started Fan Production

1980

1985

Established Residential AC Division

1993

IPO in Shenzhen Stock Exchange

1990

1999

Formed GMCC for Toshiba Brand
Compressors

2004

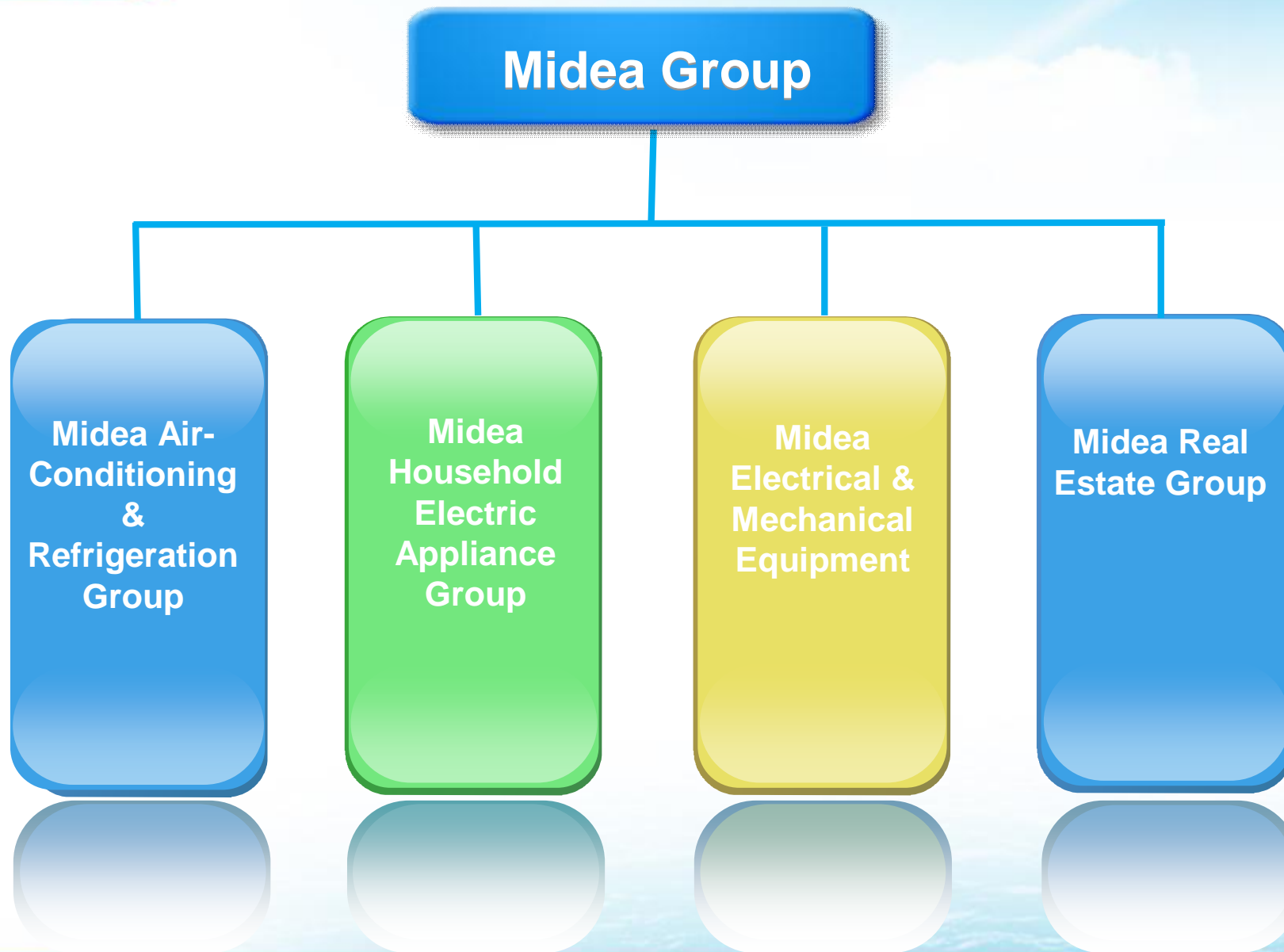
J.V. with Toshiba-Carrier Midea AC& Refrigeration Group acquired
Hualing, Royalstar Acquired Chiller manufacturer ChongQing
General

2000

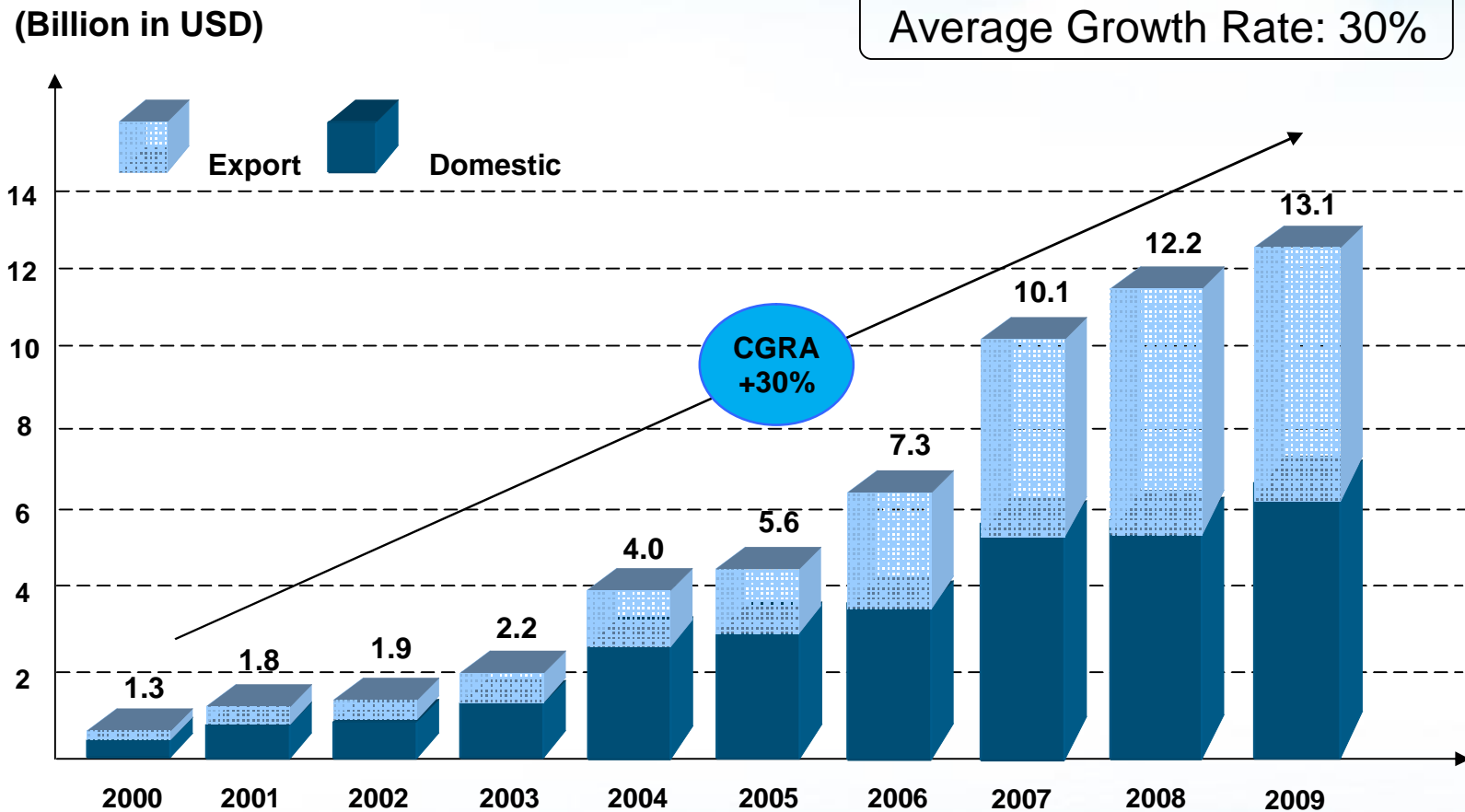
2008

J.V. with Carrier Midea AC& Refrigeration Group

Profile of Midea Group-Organizational Chart



Outstanding performance for Midea Group (Sales Chart)



30% of total revenue from overseas business

(Estimated)



Outstanding performance of Midea Group (Accomplishment Benchmarks)

Commercial A/C:



No.1 in Domestic & Export sale among Chinese brands

Residential A/C:



**One of the Worldwide largest on sales volume
No. 1 on export in China**

Compressor:



Top 3 in Sales volume in China

Electrical fan:



No.1 in sales volume internationally

Rice cooker:



No.1 in sales volume internationally

Electric-motor:



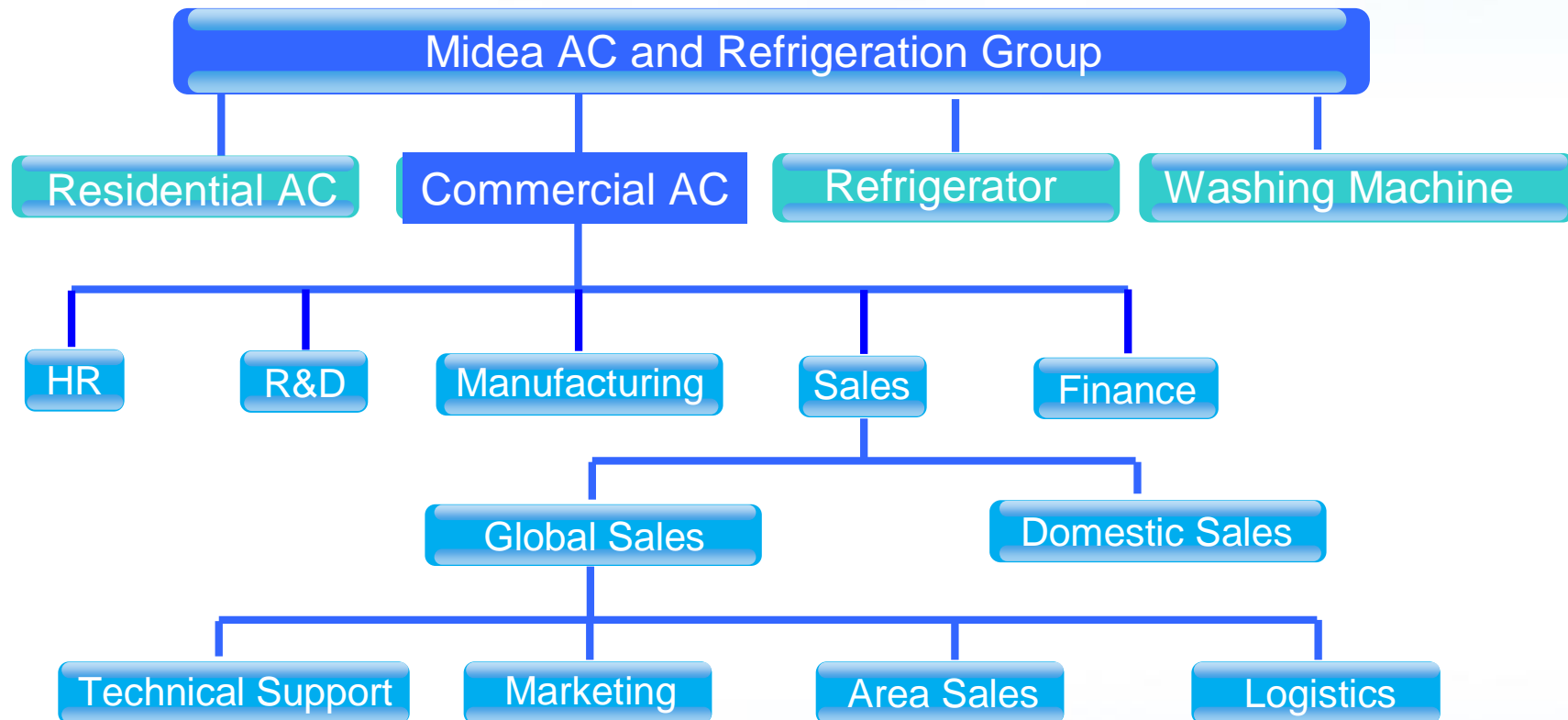
No.1 in sales volume internationally

Microwave oven:

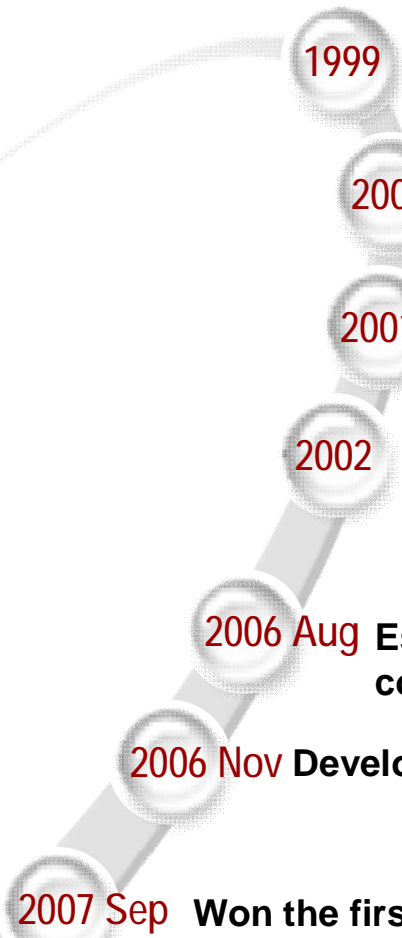


No.2 in sales volume in Asia

Midea CAC



History of Midea CAC

- 
- 1999** Establishment
 - 2000** Developed the first multi inverter central AC system in domestic market
 - 2001** Entered the central AC field with water-cooled screw chiller and air-cooled chiller
 - 2002** Developed the first digital scroll system in domestic market
 - 2006 Aug** Established independent global sales operation division for commercial A/C
 - 2006 Nov** Developed the first inverter centrifugal chiller in domestic market
 - 2007 Sep** Won the first bid for Centrifugal Chiller Systems' export under Midea brand Made in China.

2008 Nov

MCAC clinched a contract with its Japanese peer Toshiba Carrier Corporation, for further cooperation.

- **On November 20th 2008, MCAC clinched a contract with Japanese peer Toshiba Carrier Corporation, for further cooperation.**
- **Both sides will cooperate in new environmental-friendly cold media high-effective direct-current inverter technology. The cooperation was expected to boost the upgrading of core technology of Midea's central air conditioning system.**



General Information of MCAC



- Assets in Dec 2008 = 1.8billion RMB or 261 million USD
- Sales Revenue in 2008 = 5.5billion RMB or 805million USD
- Number of Employees = 3,528
- Number of R&D Engineers = over 400
- Over 40 testing centers and 29 R&D labs
- Products sold in over 126 countries and regions
- Work with over 300 top expert and professional distributors worldwide.

Product Range of MCAC



- With over 1000 different models
- Products can be customized to the field
- Cover full range of CAC products from 1 ton(1.5HP) up to 2000 tons(2500HP)



- World-Class Professional HR
- *6 Engineering PhDs head a centre with over 300 professional Engineers*
- *State Council Experts*
- *Japanese HVAC Expert National Post-doctoral station*

- Worldwide Technical Cooperation
- *Toshiba-Carrier on Multi Inverter Cooperation*
- *Copeland US on Digital Scroll Central A/C Cooperation*
- *NEC, Mitsubishi, and Texas Instruments on A/C Controller*



Profile of MCAC Production System

Production base



Profile of MCAC Quality Control System

- Concept of quality: Quality is the life of enterprise.
- Customer-oriented quality management system.
- Focus on teamwork, full participation and source prevention
- Insist on continuous improvement and innovation
- Quality control system meet worldwide certification standard, such as (TUV) ISO9001, ISO14001/OHSAS18001 and etc.
- All products meet the RoHS requirement and other worldwide product certification requirements.



Profile of MCAC Quality Control System

- We have world class laboratory group which include Thermal equilibrium lab、29 Enthalpy difference testing labs、13 Condition testing labs、10 Chiller system labs、4 Noise testing labs、EMC lab、ETL lab、High height difference testing lab、64HP VRF testing lab and other high standard testing lab。
- MCAC testing center had got recognition from TUV (German Rhine Inc)、CSA (Canada Standards Committee) and CNACL (China National Accreditation Board for Laboratories) .

World-class testing facility



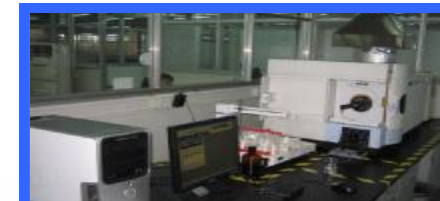
Thermal
Equilibrium
Lab



Noise
Testing
Lab



ETL
Lab



ROHS
Testing
Lab

Profile of MCAC Sales Service

- Midea provides customers with complete technical details for all commercial A/C products.
- Midea offers in house global training seminars to customers based on their specific product requirements.
- Midea regularly sends engineers and salesmen to different counties for individual on site training.



Midea Technical Training Seminar In Milan



Successful Project of MCAC

Midea CAC won the bid for Terminal 3 of the Beijing Capital International Airport. Hilton Hotel (A 5 star hotel)



East Building



West Building



6 700RT Centrifugals

Beijing Capital International Airport

Other auxiliary projects in Terminal 3 of the Beijing Capital International Airport



- Total area covered : 370,000 sq. meters
- Main Buildings at T3: Catering Building 、 5 Star Hotel、 Comprehensive Office Building



- FOUR 1000RT Centrifugal Chillers
- SIX 700RT Centrifugal Chillers
- TWO 500RT Centrifugal Chillers



- ONE 350RT Screw Chiller



KPIT 2 PHASE

Project: **Kpit 2 Phase**

Country: **India**

Model: **MDV-D840W/BS×50**

MDV-D560W/BS×20

MDV-D280W/BS×8

MDV-D140W/S×14

Capacity: **2050HP**



SACOMBANK HCM

Project: **Sacombank HCM**
Country: **Vietnam**
Model: **MDV-D**
Capacity: **1130HP**



RECAIOGLU HOTEL (FIVE STAR)

Project: **Recaioglu Hotel (Five Star)**

Country: **Cyprus**

Model: **MDV-D450W/CSN1×18**

MDV-D400W/CSN1×4

MDV-D335W/CSN1×1

MDV-D100W/SN1×7

MHA-96HRN2×32

Capacity: **701HP**



ALARA HOTEL

Project: **Alara Hotel**

Country: **the Republic of Turkey**

Model: **MDV-D280W/BSx21**

MDV-D140W/Sx1

Capacity: **215HP**



Other excellent project

NO.	Name of projects	Country	Capacity of Midea units	Models used
1	Treasure island	India	1500HP	Screw Chiller
			375HP	Water cooled package
			486HP	FCU and AHU
2	Grand Indonesia	Indonesia	1954HP	MDVD
3	Pandanus	Australia	1500HP	MDVD
4	Glomax shopping mall	India	1356HP	AHU,FCU
5	Mumbai Little world Mall	India	1271HP	LSBLG
6	K/S Thàùì Bàùò, Qui Nhôn	Viet Nam	1200HP	MDVD
7	Aquarela	Uruguay	1020HP	MDVD
8	Villagio	Ghana	1000HP	MDVD
9	Sierra Grand	Australia	750HP	MDVD
10	RECAIOGLU HOTEL (Five star)	North Cyprus	700HP	MDVD

Thank you for your time !