Air-Conditioning & Refrigeration Systems Business Operation

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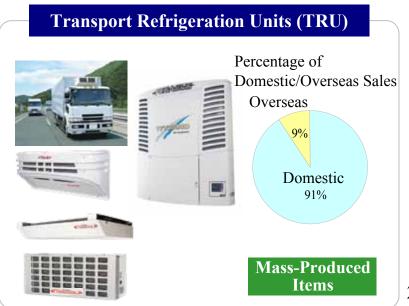
1. Business Outline (1) Product Overview

* Both net sales and percentage of domestic/overseas sales based on results in FY 2007 (Consolidated basis)

Air Conditioning Equipment (PAC/RAC) RAC **PAC** Percentage of Domestic/Overseas Sales Overseas Domestic 36% 64% Mass-Produced **Items**

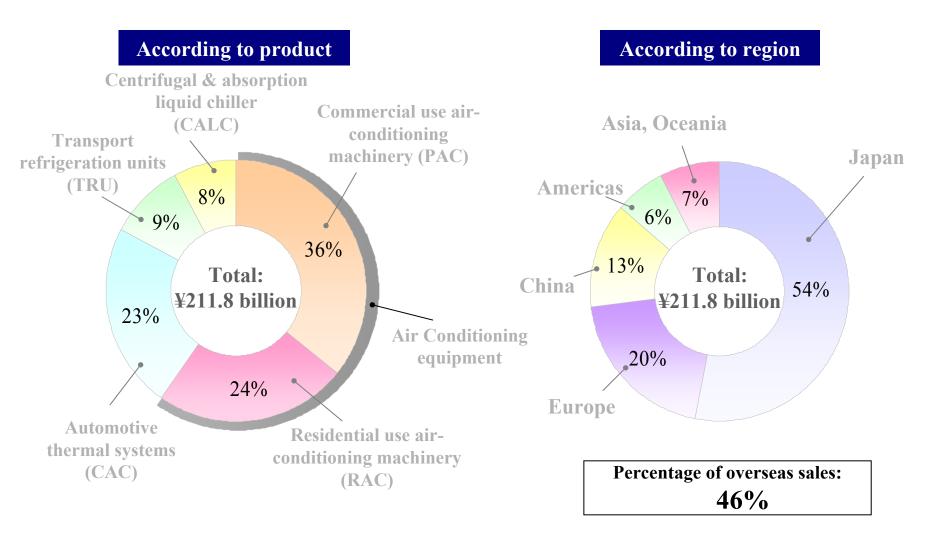




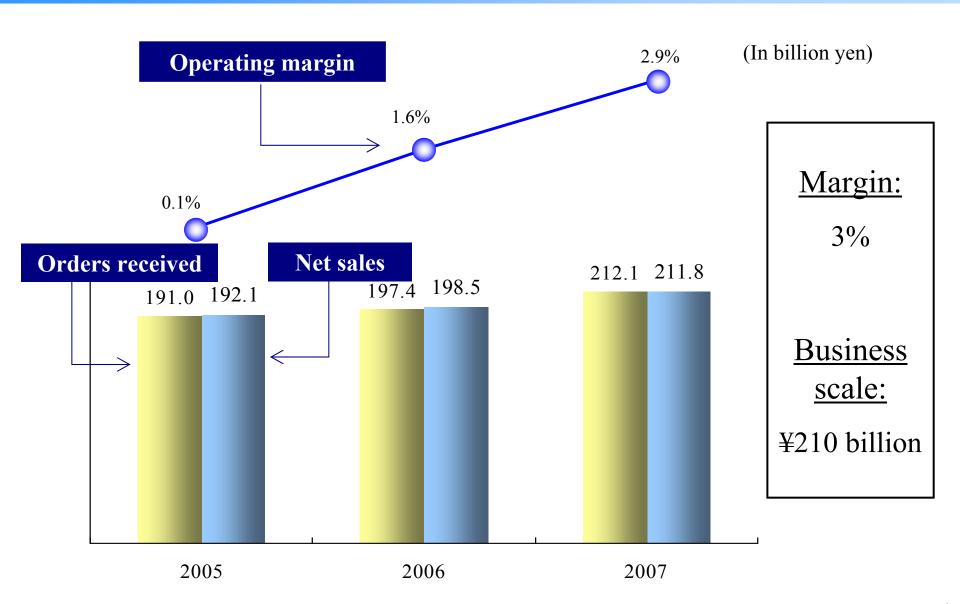


1. Business Outline (2) Portfolio

FY 2007 Sales (consolidated basis) for Air Conditioning & Refrigeration Systems Headquarters

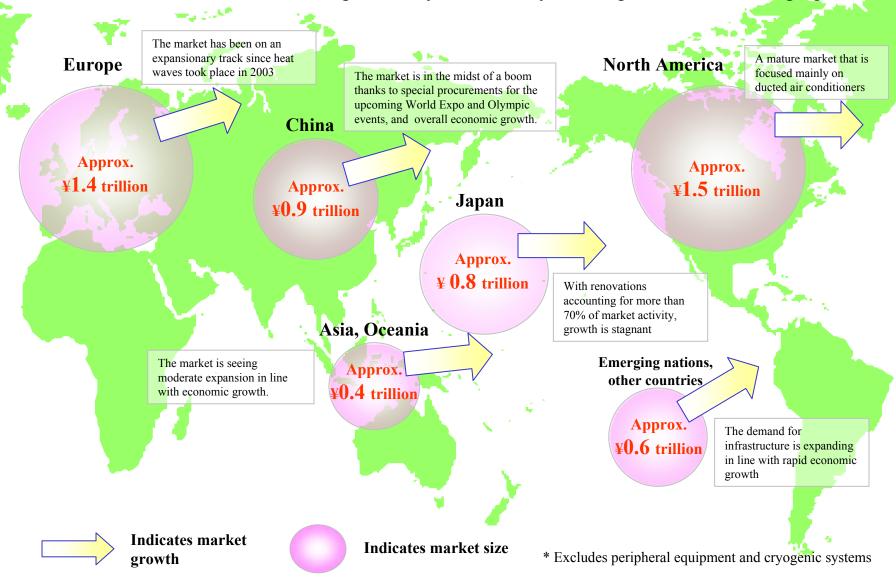


1. Business Outline (3) Business Summary



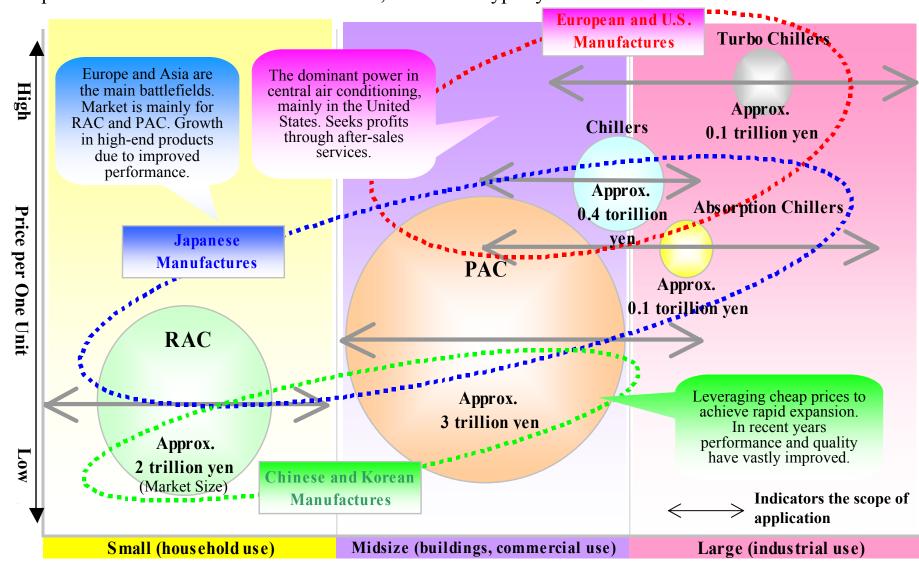
2. Operating Environment (1) Overview of the Air Conditioner Market

✓ The air conditioner market is on an expansionary track mainly in Europe, China and emerging nations.



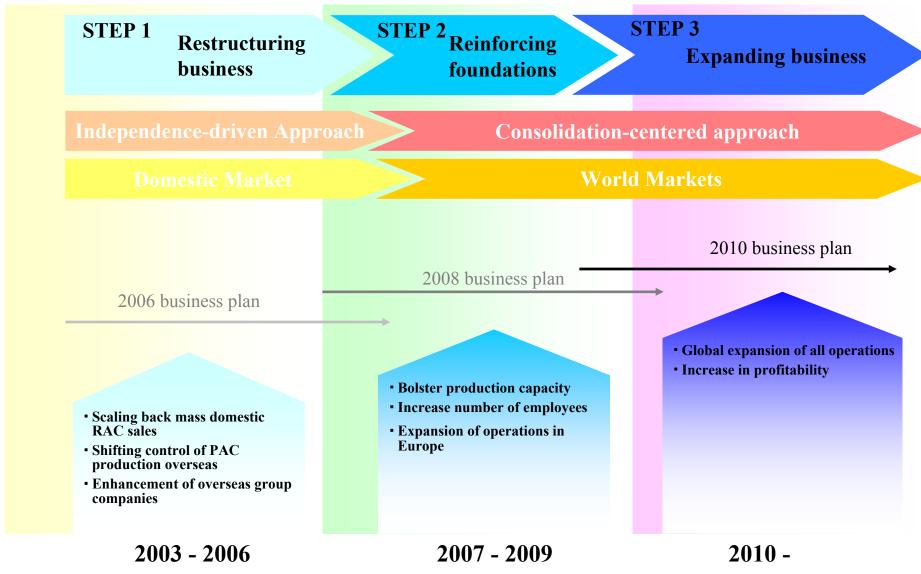
2. Operating Environment (2) Air Conditioner Manufacturer Trends

✓ Manufacturers in Europe and the United States focus on ducted air conditioning systems, whereas Japanese manufacturers focus on ductless, individual-type systems.



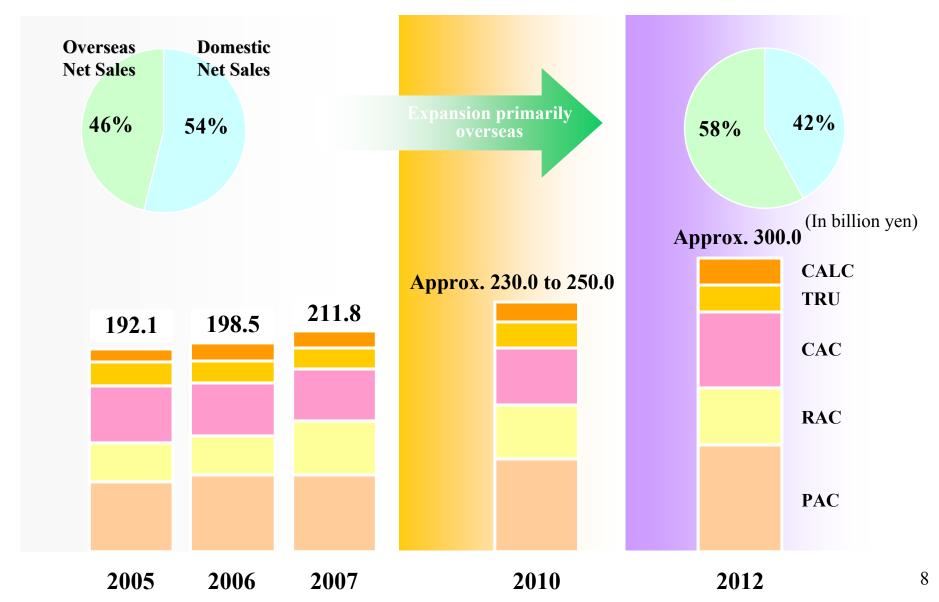
3. Medium-Term Business Plan (1) Business Strategy

✓ A build up of resources aimed at reinforcing business foundations is underway



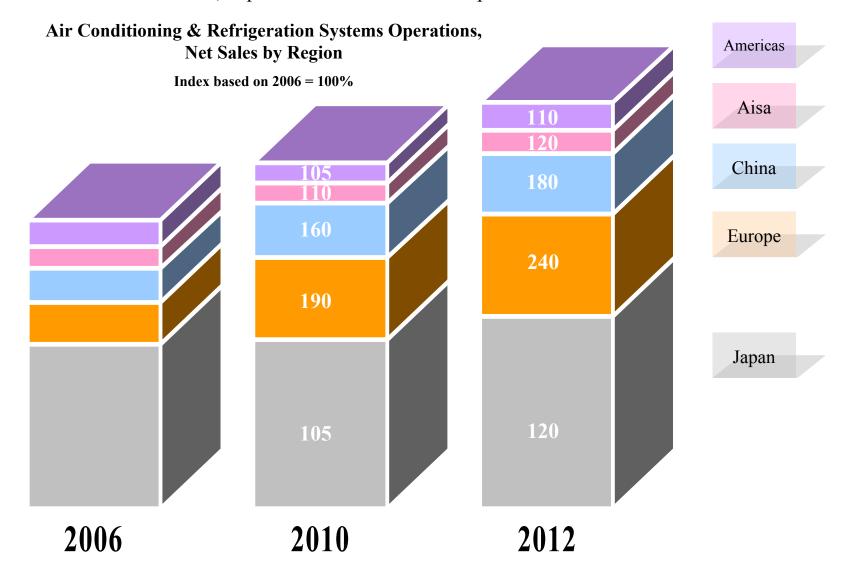
3. Medium-Term Business Plan (2) Business Scale

✓ Seek to increase the scale of operations through aggressive expansion into overseas markets

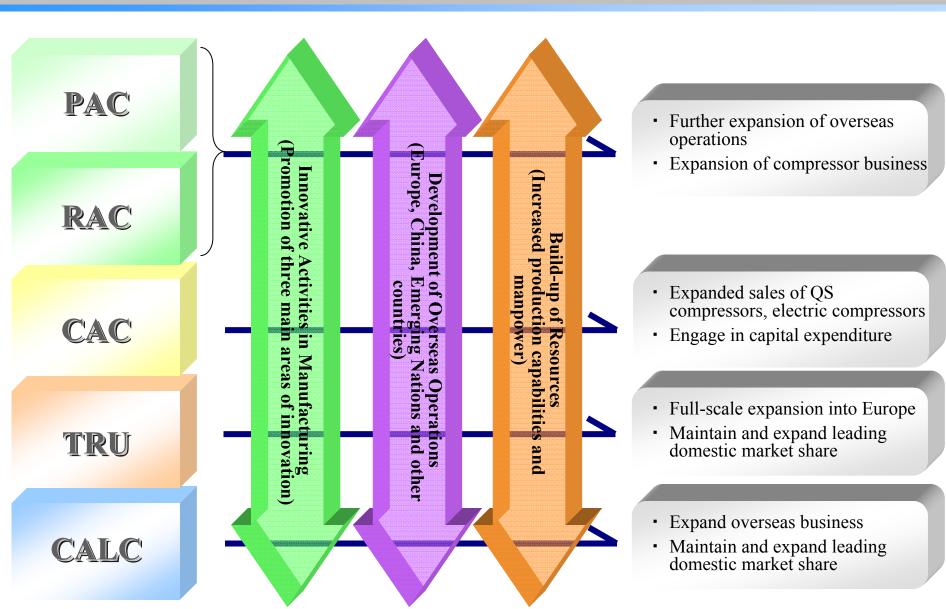


3. Medium-Term Business Plan (3) Portfolio According to Region

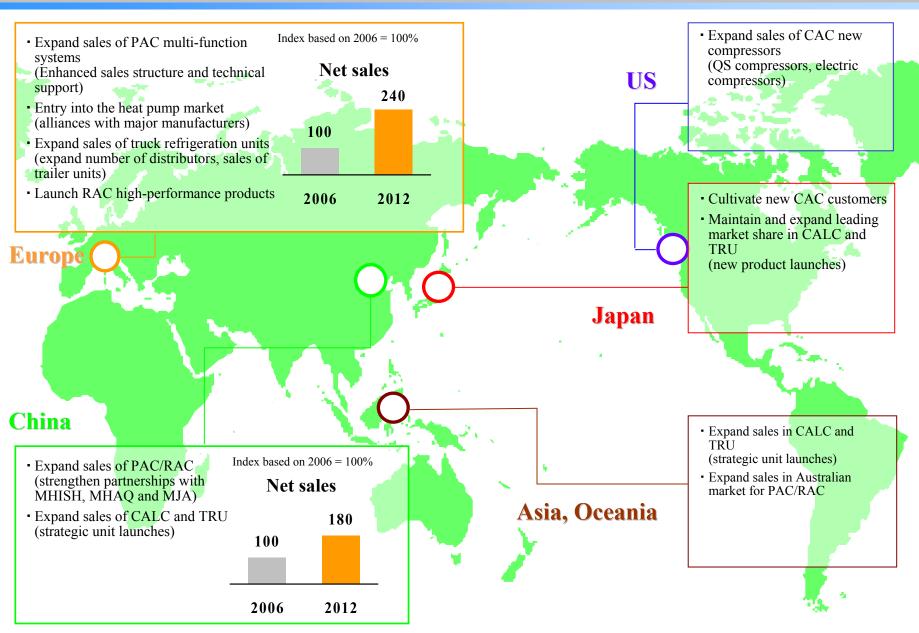
✓ Even within overseas markets, expansion will focus on Europe and China



3. Medium-Term Business Plan (4) Business Development

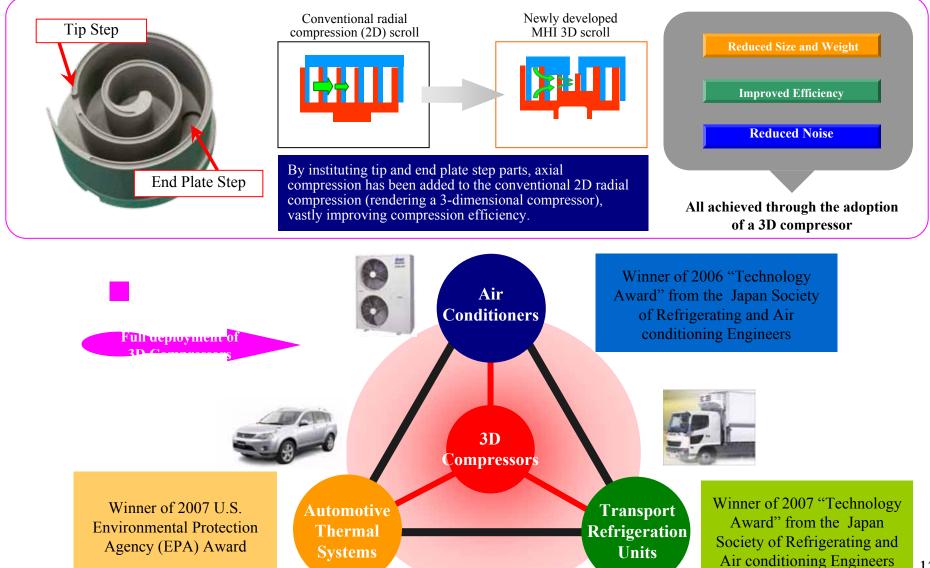


3. Medium-Term Business Plan (5) Global Expansion



4. Recent Developments (1) Synergy Effect

✓ Full deployment of 3D scroll compressors that bring advances in reduced size and weight, improved efficiency and noise reduction



4. Recent Developments (2) New Model Centrifugal Liquid Chillers

✓ Aiming to generate new demand and capture new markets, a line of new centrifugal liquid chiller products was launched (event held May 19, 2008 to announce new products)



With an inverter equipped as standard, the small-capacity centrifugal liquid chiller achieves unparalleled high-performance! With this new product with an eye towards general-purpose air conditioning as well as plant air conditioning, MHI seeks to retain and further expand its leading domestic market share (60%).



With this product offering an expanded area of use ranging from a conventional heat sources for cooling to dual heating and cooling (heat pumps), along with the penetration of hot water supplies that utilize factory heat to play a part in all-electric factories, by switching from conventional combustion heaters to electric heaters MHI is seeking to drastically reduce CO2 emissions and expand the field of operations for its centrifugal liquid chiller units.

4. Recent Developments (3) Transport Refrigeration Units



4. Recent Developments (4) European Training Center

