



Refrigeration

Product Portfolio

All Seasons
° CLIMATE COMFORT

- Heating
- Air Conditioning
- Applied Systems
- Refrigeration



The development of the "Conveni-Pack" supermarket refrigeration unit marked an extremely successful entry into the commercial refrigeration market for Daikin. The integration of the British company J&E Hall has significantly expanded the Daikin product range.

Daikin is now offering a comprehensive portfolio of market-tested products for a variety of applications. Established products combined with innovative solutions make Daikin a perfect partner from the very start.

CONDENSING UNITS

COMMERCIAL CONDENSING UNITS



Condensing units

The "plug & play" condensing units offer a perfect solution for companies in need of an extremely compact, simple and affordable system.

- › Ready-to-install, end-to-end solution
- › Quiet operation
- › Low operating costs
- › Refrigerant: R-404A, R134a
- › Reciprocating or scroll units*

ZEAS CONDENSING UNITS



Inverter controlled multicompressor refrigeration system

Inverter controlled scroll compressors open the door to VRV technology for commercial refrigeration.

- › System solution for multiple evaporators applications
- › Energy efficient
- › Extremely quiet
- › Small footprint
- › Refrigerant: R-410A

INDUSTRIAL CONDENSING UNITS



Inverter controlled condensing unit

These industrial condensing units are real workhorses designed for maximum performance in minimum space.

- › Sliding valve or inverter controlled compressor(s) for adaptable cooling capacity
- › Extremely economical and quiet
- › Easy installation
- › Integrated control panel with electronic controller
- › Refrigerants: R-404A, R-134a, R-407C, R-507

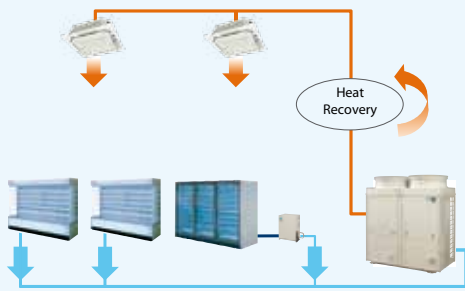
Medium temperature* - R-404A	-10°C/+32°C	0.871 ~ 13.5 kW	Medium temperature	at -10°C/+32°C minimum compressor speed:	12.2 ~37.0 kW 2.0 kW	Chilled application - R404A*	-10°C/+32°C	113 ~417 kW
Medium temperature* - R-134a	0°C/+32°C	2.2 ~11.4 kW	Low temperature	at -30°C/+32°C minimum compressor speed:	6.5~19.6 kW 1.6 kW	Frozen application - R404A*	-35°C/+32°C	37 ~ 159 kW
Low temperature - R404A	-30°C/+32°C	0.562 ~7.5 kW						
Application	Cold rooms or refrigerated display cases in small food retails, restaurants, petrol stations		Application	Convenience stores, supermarkets, food process		Application	Cold stores or distribution platforms, blast freezers, hypermarkets, food process	

* Available with reciprocating or scroll compressors for Medium Temperature

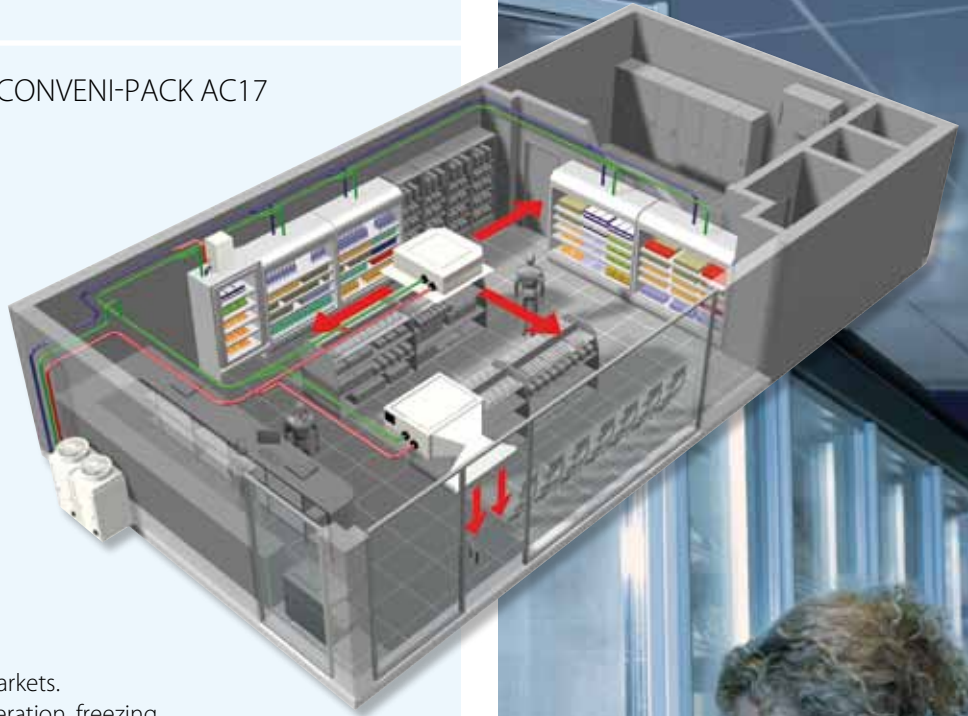
* Also designed for R-407C, R-507A and R-134a

CONVENI PACK

CONVENI-PACK AC15



CONVENI-PACK AC17



Conveni-Pack: the supermarket revolution

Conveni-Pack is a complete solution for supermarkets. It combines all the equipment needed for refrigeration, freezing, heating and cooling of a convenience shop. Conveni-Pack recovers up to 100% of the heat that is extracted from the refrigerated showcases and uses it to heat up the shop.

- › Up to 50% less energy consumption
- › Minimal space requirements for increased sales area
- › Low sound level



R407C	Air conditioning	Cooling ¹ (minimum)	14 kW	R410A	Air conditioning	Cooling ¹ (minimum)	14 kW
		Heating ² (heat recovery only)	24 kW			Heating ² (heat recovery only)	27 kW
	Refrigeration ³	Medium Temperature -10°C	16.5 kW		Refrigeration ³	Medium Temperature -10°C	21.8 kW
		Low Temperature with booster at -35°C	1.6 kW			Low Temperature with booster at -35°C	3.3 kW
Application	Complete solution for convenience stores including refrigeration, freezing, heating and cooling						

1) Indoor temperature: 27°CDB/19°CWB, Outdoor temperature: 32°CDB, Piping length: 7.5m, Mode 24 - 2) indoor temperature: 20°CDB, Outdoor temperature: 7°CDB/6°CWB, Refrigeration equipment full loaded, Piping length: 7.5m - 3) Saturated temperature equivalent to suction pressure: -10°C (MT), -35°C (LT), outdoor air 32°C, Suction SH:10°C, Mode 24, Piping length: 7.5m



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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