

Meeting
your needs
the **easy way**



Service Station application

A typical service station includes a mix of freezing, chilling and space heating or cooling. The same can be said about a convenience store in a high street location.

The high number of visitors/day and the long opening hours require high quality products to guarantee your comfort and the proper conservation of your goods at all times.

The Daikin International Key Account Team has a long experience with service stations and is aware of the specific needs in terms of quality, efficiency and, last but certainly not least, service.

In our European factories, quality is a central element during the production process. It would be our pleasure to show you around in one of our factories someday to witness the dedication and stringent control measures that we have put into place.

Daikin holds a dedicated product for service stations, called the ConveniPack. ConveniPack is an integrated solution for freezing, chilling, space heating and cooling. One product for all the needs.

It makes use of the heat extracted from the cooling cabinets to provide space heating in spring, autumn and winter. This cost-free heating can save significant amounts of energy per year, as the case study at the back shows.

Should you face any issues, please rest assured with Daikin. **Our service network** is well organised to serve your needs fast and efficiently. Moreover, your single point of contact at Daikin's European headquarters can be contacted at any time and is there to ensure your climate comfort at all times.

Take a look at the back for a real life example of the Daikin approach and its benefits. This company is already convinced, find out why.

Supporting you
every step along the way.

Case Study Service Station



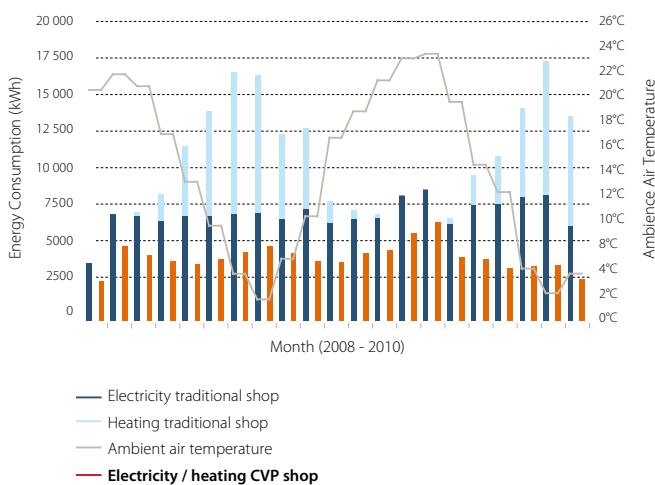
“The impact of heat recovery on the efficiency of my system is just astonishing ... ”

Traditional petrol station

Location - Brussels					
Brand	Indoor unit	Freezing (-18/-21°C)	Chilling (+4/+6°C)	Air conditioning (+15/+25°C)	Heating (gas)
Competitor	Freezer room	1520W			
Daikin	Showcase		4200W		
Competitor	Showcase		4200W		
Daikin	Showcase		5000W		
Daikin	Showcase		5000W		
Competitor	Showcase		2209W		
Competitor	Show bank			31500W	49100W
Total capacity		1520W	20609W	31500W	49100W

Petrol station with ConveniPack

Location - Brussels					
Brand	Model	Freezing (-18/-21°C)	Chilling (+4/+6°C)	Air conditioning (+15/+25°C)	Heating
Conveni Pack 1					
Show bank «Bonjour»			1130W		
Frigo «Chocolat attente»			2000W		
Showcase «Lucerna»			4790W		
Cassette	FXF 125L		5325W	7200W	
Cassette	FXF 125L			7200W	
Conveni Pack 2					
Freezer room					
Showcase «drinks»		998W	5350W		
Showcase «Lucerna»			5325W		
Cassette	FXF 125L			7200W	12000W
Cassette	FXF 125L			7200W	12000W
Total capacity Conveni Pack 1&2		998W	24920W	28800W	48000W



A European petrol company with global presence, is active in upstream and downstream oil activities. With a retail network of more than 9000 service stations in Europe, it needs strong partners to serve its needs.

In Benelux, the cooperation with Daikin started with a ConveniPack project in 2003. Consumption monitoring was done on the ConveniPack site as well as on a comparable service station in the same area. ConveniPack re-uses the extracted heat extracted from the cooling cabinets to provide space heating in spring, autumn and winter. Please find the load details of both sites in the tables.

Looking to the graph, the red bars signify the energy consumption of the ConveniPack store. Note that the **ConveniPack solution uses far less energy overall** compared to the traditional store.

The loads in both shops are comparable so that no correction factors were used. The results were really astonishing for our client. **The heat-recovery function of ConveniPack together with its high quality, ensured a saving of 60% on energy costs during one year alone.** Daikin and the client have established an open and strong relationship ever since.

Daikin is proud to support this client on its energy challenges of today and tomorrow.

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