



Information for end users

Concealed ceiling units



Perfect comfort in an invisible way

Why choose Daikin?

Daikin is the world leader when it comes to air conditioning and heating. Thanks to our constant innovation in **comfort, energy efficiency, control** and **reliability** we define the benchmarks for quality within the industry.

Comfort

- ✓ We offer a **wide range of products**, providing you always with the ideal solution, whether it be a residential, commercial or industrial environment.
- ✓ Our units are **whisper quiet** and, with their perfect airflow pattern, they create your ideal indoor climate.

Control

- ✓ Our expertise makes life easier for you, allowing you to control your system via a **smartphone app** or a user-friendly remote control.

Energy Efficiency

- ✓ As an environmentally responsible company, we are dedicated to fit in a healthy ecosystem.
- ✓ Our products are designed to be **highly efficient** all year round.
- ✓ Their low energy consumption reflects in **lower energy bills** to you.

Reliability

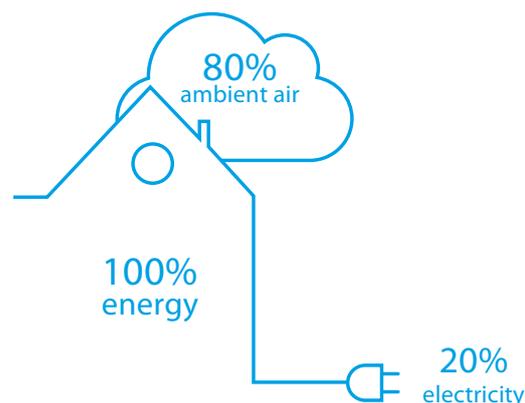
- ✓ Daikin products are renowned for their reliability. And you can trust on a **service** to match.

What are the advantages of a concealed ceiling unit?

Concealed ceiling units offer you an extremely unobtrusive solution as they are compact and only the discharge and intake grilles are visible. In addition, they free up the maximum amount of floor and wall space, leaving you free to decorate your interior as you wish. Their new low consumption DC fan motor offers you maximum energy saving. And of course we have a wide range of units to suit rooms of all sizes.

What is an air-to-air heat pump?

Heat pumps extract heat from the outside air, even in cold weather. They use an electrically powered compressor and are extremely effective at heating a flat or a house. Daikin heat pumps are silent and discreet, and use state-of-the-art technology to keep your energy bills as low as possible. With a Daikin heat pump, 80% of the energy used to heat your home comes from the outside air, a free and infinitely renewable resource! For cooling, the system is reversed, extracting heat from the indoor air.



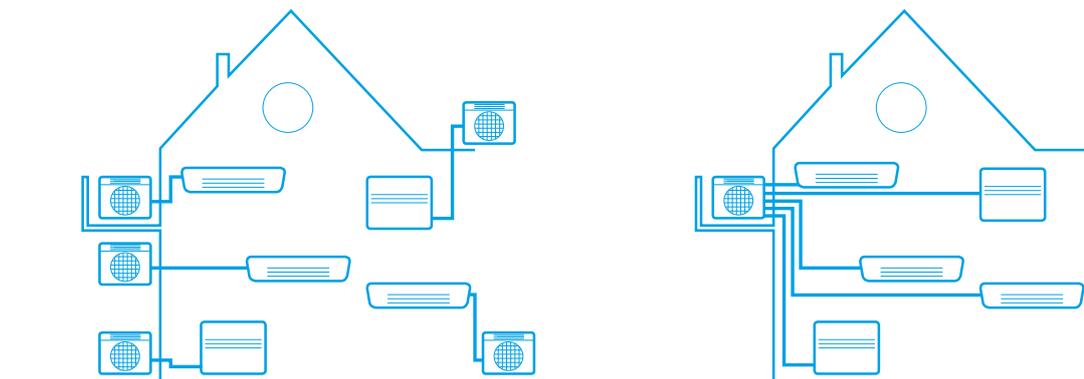


One room or more, the choice is yours

By choosing a multi outdoor unit, you can connect up to nine indoor units to a single outdoor unit to create the perfect climate everywhere in your house. All the indoor units can be individually controlled and do not need to be installed in the same room or even at the same time.

Save space with a multi outdoor unit

A multi outdoor unit not only allows you to connect up to nine indoor units, it also saves you precious space on your balcony, terrace, wall or garden, as you only need one outdoor unit for all your cooling and heating requirements.



Daikin concealed ceiling units

offer you all sorts of
different advantages



FDXS-F(9) Concealed ceiling unit

This compact concealed ceiling unit is only 200mm high and can easily be mounted in a ceiling void of just 240mm. It gives you low energy consumption thanks to a DC fan.



FDBQ-B Small concealed ceiling unit

Designed for hotel applications, this compact unit (230mm high and 652mm deep) can easily be mounted in shallow ceiling voids. It has whisper quiet operation, of as little as 28 decibels.





Here are just some of the ways in which Daikin concealed ceiling units can enhance your home or office



Fan only



Dry programme



Weekly timer



Self-diagnosis



Fan speed steps



Air filter



Auto-restart



Wired remote control



Multi model application

Seasonal efficiency

Daikin's concealed ceiling units are optimised to offer you the greatest possible efficiency all year round, whether they are cooling or heating.

Filter

The air filter removes airborne dust particles to ensure that you have a steady supply of clean air.

Discreetly concealed in a ceiling

Discreetly concealed in the ceiling, only the suction and discharge grilles are visible.

Controls

Daikin concealed ceiling units can be controlled via a user friendly remote controller. The weekly timer can be set to start operation whenever you choose, on a daily or weekly basis.

Perfect comfort

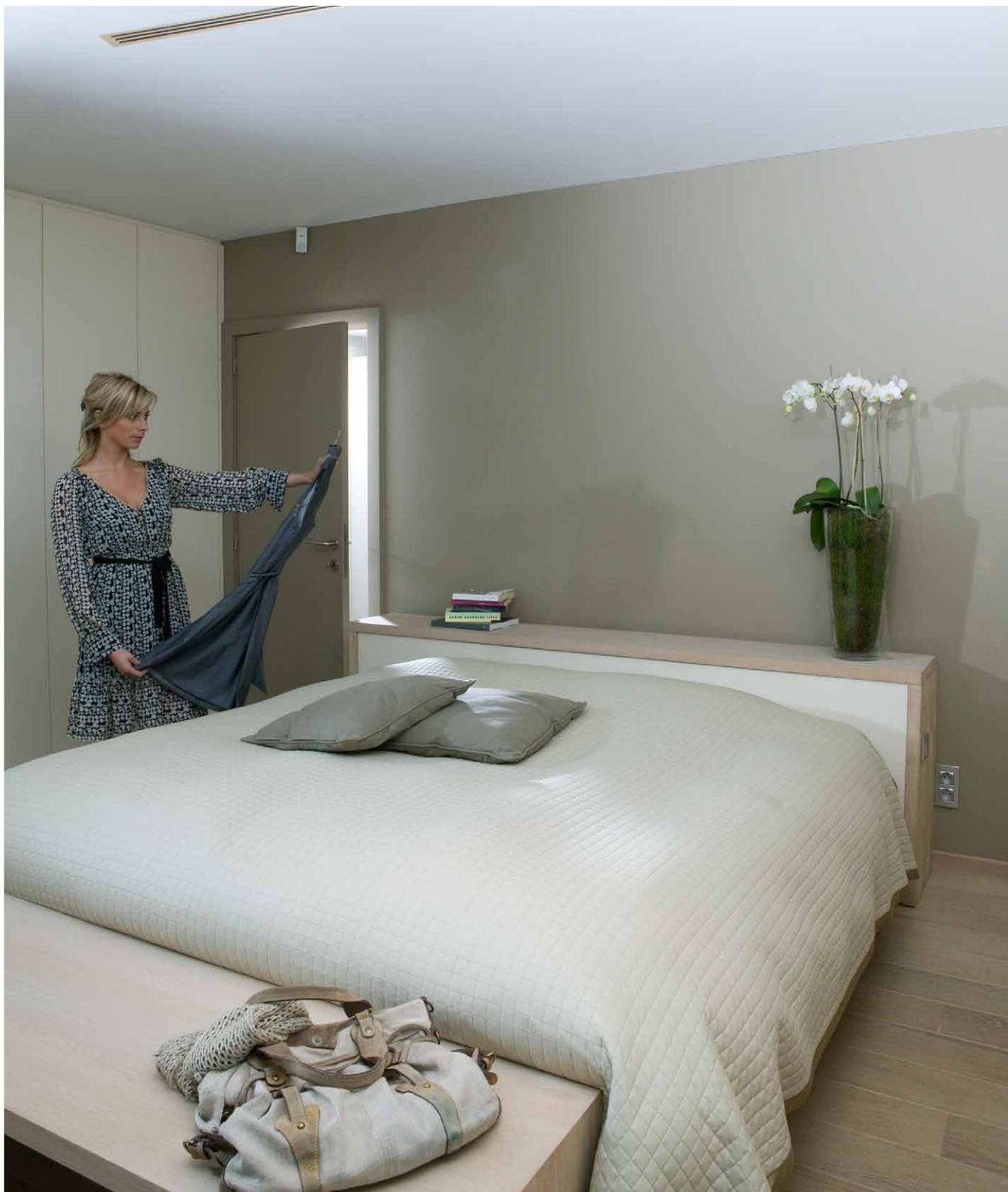
Daikin units operate at sound levels lower than 30 decibels, no louder than rustling leaves. In fan only mode, you can use the unit simply as a fan, to blow air without cooling or heating. Using the special dry programme, the humidity level in your room is reduced without any fluctuations in room temperature. The unit automatically selects heating or cooling mode to reach the temperature you want.

Energy efficiency

Saving energy is not just good for the planet, it is good for your budget too. In Econo mode, our units' consumption is cut to allow other appliances which need a lot of power to be used. With features like intelligent eye and a weekly timer, you have all the tools to maximise energy efficiency.

Benefits overview

			Concealed ceiling units	
			FDXS-F(9)	FDBQ-B
				
We care	 Seasonal efficiency - Smart use of energy	Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.	●	●
	 Inverter technology	In combination with inverter controlled outdoor units	●	●
	 Home leave operation	During absence, the indoor temperature can be maintained at a certain level.		●
	 Fan only	The air conditioner can be used as fan, blowing air without cooling or heating.	●	●
Comfort	 Auto cooling-heating changeover	Automatically selects cooling or heating mode to achieve the set temperature.	●	●
Air treatment	 Air filter	Removes airborne dust particles to ensure a steady supply of clean air.	●	●
Humidity control	 Dry programme	Allows humidity levels to be reduced without variations in room temperature.	●	●
Air flow	 Fan speed steps	Allows to select up to the given number of fan speed.	3	2
Remote control & timer	 Weekly timer	Timer can be set to start operation anytime on a daily or weekly basis	● depending on controller	●
	 24 Hour timer	Timer can be set to start cooling/heating anytime during a 24-hour period	● depending on controller	
	 Infrared remote control	Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.	●	
	 Wired remote control	Wired remote control to start, stop and regulate the air conditioner from a distance.	●	●
	 Centralised control	Centralised control to start, stop and regulate several air conditioners from one central point.	●	
Other functions	 Auto-restart	The unit restarts automatically at the original settings after power failure.	●	●
	 Self-diagnosis	Simplifies maintenance by indicating system faults or operating anomalies.	●	●
	 Multi model application	Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.	●	●
	 VRV for residential application	Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.		●

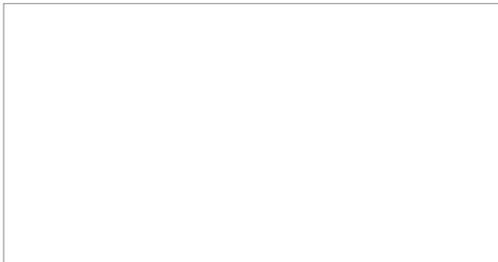


Efficiency data	Nominal capacity (kW)		Energy label		Pdesign (kW)		SEER	SCOP	Annual energy consumption (kWh)		Indoor unit dimensions	Sound power level indoor (dBA)		Sound power level outdoor (dBA)		Sound pressure level indoor (High/Nom/Low) dBA		Refrigerant (R-410A)		
	Cooling	Heating	Cooling	Heating	Cooling	Heating			Cooling	Heating	H xW x D (mm)	Cooling	Heating	Cooling	Heating	Cooling	Heating	GWP	Charge (kg/TCO _{Eq})	
 FDXS-F(9) + RXS-L(3)	25F	1.3/2.4/3.0	1.3/3.2/4.5	A+	A+	2.40	2.60	5.63	4.24	149	858	200x750x620	53	53	59	59	35/33/27	35/33/27	2,087.5	1/2.1
	35F	1.4/3.4/3.8	1.4/4.0/5.0	A		3.40	2.90	5.21	3.88	228	1,047		61	61						1.2/2.5
	50F9	1.7/5.0/5.3	1.7/5.8/6.0	A+	A	5.00	4.00	5.72	3.93	306	1,425	200x1,150x620	55	55	62	62	38/36/30	38/36/30		1.7/3.5
	60F	1.7/6.0/6.5	1.7/7.0/8.0	A		6.00	4.60	5.51	3.80	381	1,030		56	56						1.5/3.1
 FDBQ-B	25B	only available in multi model application										230x652x502	55	55	N/A	35.0/-/28.0	35.0/-/29.0	N/A	N/A	

Contains fluorinated greenhouse gases



Daikin Europe N.V. Naamloze Venootschap Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



ECPEN15 - 009 500 - 04/15



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.

Printed on non-chlorinated paper.