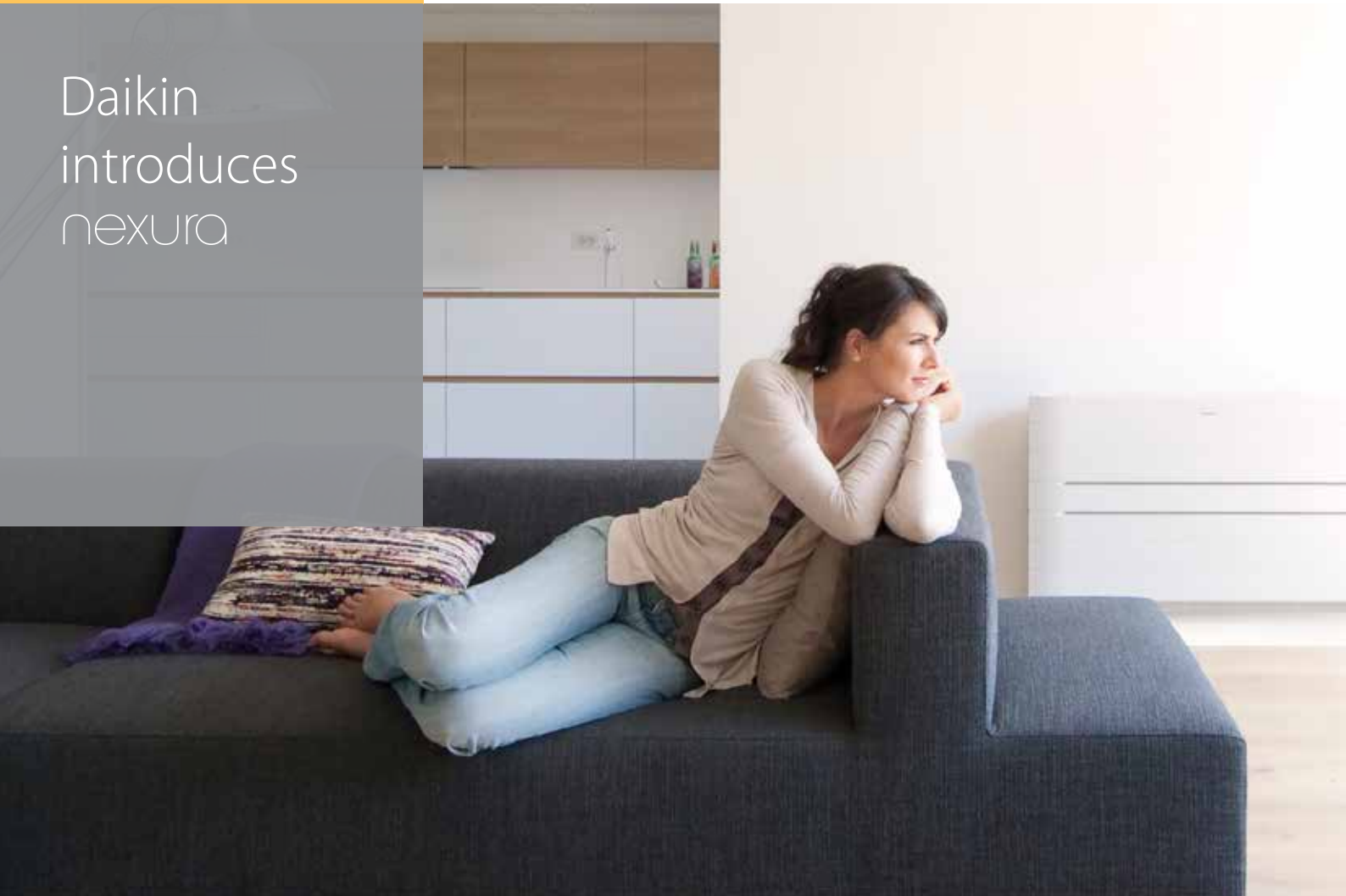




nexura /  
Pure  
**comfort**  
& design

# Pure comfort

Daikin  
introduces  
nexura



## > COMFORT IS KEY



Nexura makes your world a comfortable one. The coolness of a summer breeze or the cosiness of an extra heat source brings a feeling of well-being to your living space all year round. Its unobtrusive yet stylish design with a front panel that radiates additional heat, its low noise level and reduced air flow turn your room into a haven.

# The best of two worlds

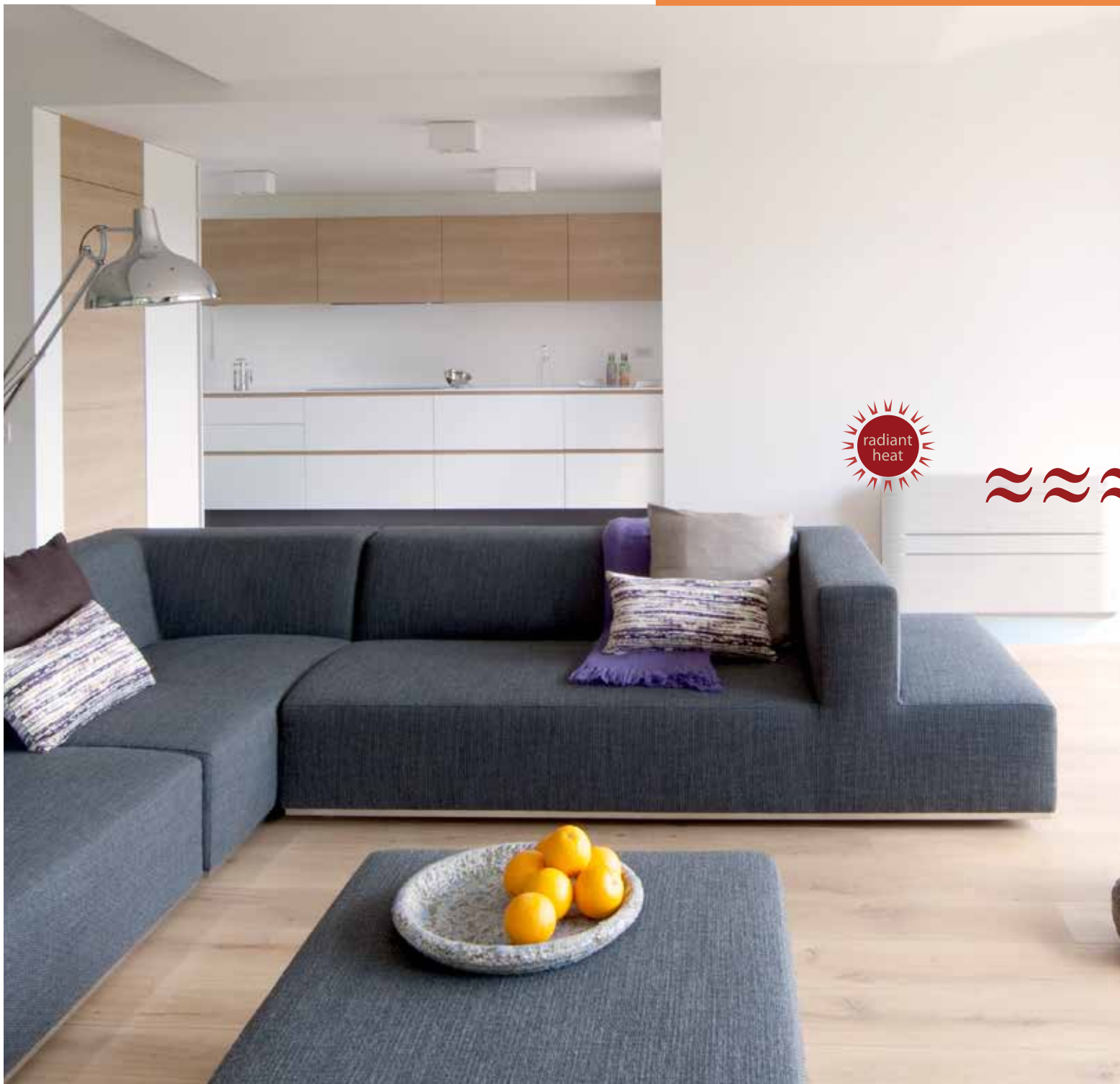
# united / Heating & Cooling



## > HEATING & COOLING IN ONE

Quiet and discrete, Nexura offers you the best in heating and cooling, in comfort and design. Of course it uses state-of-the-art heat pump technology but its best feature is a hidden one: the front panel heats up to give you that unique feeling of a warm radiator.

Intelligent  
Powerful  
Quiet /



## > THE HEAT IS ON

To add even more comfort on cold days, the aluminum front panel of the Nexura unit has the capability of warming up, just like a traditional radiator. The result? A comfortable feeling of warm air that envelopes you. And all you have to do to activate this unique feature is push the 'radiant' button on your remote control. It's that easy. Combine this with a low noise level and reduced air flow, and there is nothing to stop you from enjoying the cosy and relaxed atmosphere of your room.



## > OH SO QUIET

The indoor air unit distributes air at the sound of a whisper. The noise produced amounts to barely 22 dB(A) in cooling and 19 dB(A) in radiant heat mode. In comparison, the ambient sound in a quiet room amounts to 40 dB(A) on average.

## > AIR SO PURE AND FRESH

The titanium apatite photocatalytic air purification filter traps microscopic dust particles in the air, absorbs organic contaminants as bacteria and viruses and even breaks down odours.

## > GENTLY WILL DO IT

To ensure a harmonized temperature throughout the room, Daikin's Nexura vertical auto swing system automatically makes the louvers move up and down, creating an even distribution of air through the room.




# Now you see it /



## > NOW YOU DON'T

The look of the Nexura floor standing unit is functional yet stylish. Its sleek design and flowing lines integrate easily with contemporary interiors. Its powerful whisper-quiet operation reaches the temperature that is right for you in no time. The cosy feeling of a comfortably warm radiator that the front panel offers almost makes you wish for winter to last forever.

- > Optimal comfort all year round
- > Extremely silent operation:  
down to 19 dB(A) → 
- > Low air flow rate
- > Stylish design that blends in any interior





# Europe's energy label

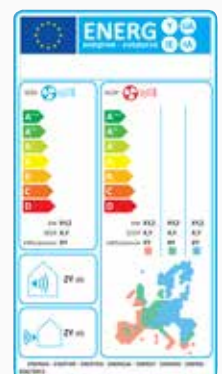


## Raising the bar on energy efficiency

To realise its challenging 20-20-20 environmental goals (20% reduction in CO<sub>2</sub> emissions, 20% share of renewable energy and a 20% reduction in the use of primary energy), Europe is imposing minimum efficiency requirements for energy related projects. These minimum requirements came into effect on 1 January 2013, and were revised. New, higher targets will be set in 2014.

Not only does the Eco-Design Directive systematically raise the minimum requirements with respect to environmental performance, the method used to measure this performance has also been changed to better reflect real-life conditions. The seasonal performance rating provides a much more accurate picture of actual expected energy efficiency over an entire heating or cooling season.

Completing the picture is an energy label for EU which allows consumers to compare and make purchasing decisions based on uniform labelling criteria. The label includes multiple classifications from A+++ to D reflected in colour shadings ranging from dark green (most energy efficient) to red (least efficient). Information on the label includes not only the new seasonal efficiency ratings for heating (SCOP) and cooling (SEER), but also annual energy consumption and sound levels. It will allow end-users to make even better informed choices, since seasonal efficiency reflects air conditioner or heat pump efficiency over an entire season.





Sleep  
comfortable



### > SLEEP TIGHT AT NIGHT

To help you sleep more comfortably, Daikin Radiation FVXG's night set mode will prevent overheating or overcooling during the night. If the timer is switched on, the unit will automatically set the temperature 2°C cooler when warming and 0.5°C warmer when cooling. This prevents rapid changes that could disturb your sleep.



### > SOMETIMES YOU NEED TO SLOW DOWN

The Econo mode reduces power consumption and prevents overloading when other household appliances are in use. By activating the Econo mode, maximum operating current and energy consumption are reduced by about 30% during start-up.



# Heating & Cooling in one /

Easy to install  
Easy to control



standard

built-in

standing on a leg

## > INSTALLATION

Whether built-in, wall-mounted or standing on a leg, the Nexura is discreet and fits into your interior without any problem.

## > APPLICATION

Nexura can be used in a single room set-up, with one indoor unit connected to one outdoor unit, or in a multiple room application with a maximum of nine indoor units connected to one outdoor unit. The outdoor unit can be installed on the roof, terrace or against an outside wall.

## > INFRARED REMOTE CONTROL

The indoor unit is easy to control with the infrared remote control supplied as standard. It comes equipped with a weekly timer allowing you to programme a seven-day schedule with four different actions per day.

## > ONLINE CONTROLLER (OPTION KKR01A)

Control your indoor unit from any location via app or internet.



**UNIQUE  
TECHNOLOGY**

### Heating & Cooling

Indoor unit				FVXG25K	FVXG35K	FVXG50K
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5/3.0	1.4/3.5/3.8	1.7/5.0/5.6
Heating capacity	Min./Nom./Max.		kW	1.3/3.4/4.5	1.4/4.5/5.0	1.7/5.8/8.1
Power input	Cooling	Nom.	kW	-		
	Heating	Nom.	kW	-		
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++		A
		Pdesign	kW	2.50	3.50	5.00
		SEER		6.53	6.48	5.41
		Annual energy consumption	kWh	134	189	324
	Heating (Average climate)	Energy label		A++		A+
		Pdesign	kW	2.80	3.10	4.60
		SCOP		4.65	4.00	4.18
		Annual energy consumption	kWh	842	1,087	1,543
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER		-			
	COP		-			
	Annual energy consumption		-			
Casing	Colour		Fresh white (6.5Y 9.5/0.5)			
	Dimensions		600x950x215			
Weight	Unit		22			
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m <sup>3</sup> /min	8.9/8.9/5.3/4.5	9.1/9.1/5.3/4.5	10.6/10.3/7.3/6.0
	Heating	High/Nom./Low/Silent operation	m <sup>3</sup> /min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling		dBA	52		58
	Heating		dBA	53		60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/26
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.5		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

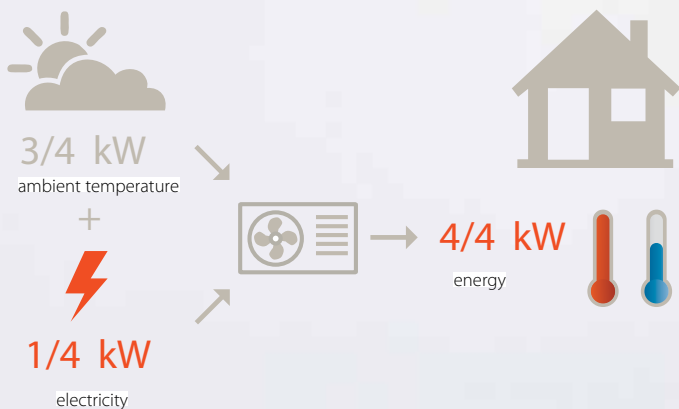
Outdoor unit				RXG25L	RXG35L	RXG50L
Dimensions	Unit	HeightxWidthxDepth		550x765x285		735x825x300
Weight	Unit			35		48
Fan - Air flow rate	Cooling	High/Super low		34.5/31.0	37.0/31.0	49.8/42.6
	Heating	High/Super low		31.1/26.4		44.8/38.3
Sound power level	Cooling			61		63
	Heating			62		63
Sound pressure level	Cooling	High/Silent operation		46/43		48/44
	Heating	High/Silent operation		47/44	48/45	48/44
Operation range	Cooling	Ambient Min.-Max.		10~46		
	Heating	Ambient Min.-Max.		-15~-20		
Refrigerant	Type/GWP		R-410A/1,975			
Piping connections	Piping length	OU - IU	Max.	20		30
	Level difference	IU - OU	Max.	15		20
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		20

(1) EER/COP according to Eurovent 2012, for use outside EU only.  
 - = data not available at the time of publication

POSSIBLE COMBINATIONS	2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E	RXYSQ-P8V1
Maximum number of indoor units	2	2	2	3	3	4	4	5	9
FVXG25K	•	•	•	•	•	•	•	•	•
FVXG35K	•	•	•	•	•	•	•	•	•
FVXG50K		•		•	•	•	•	•	•

# Highest efficiency /

> COMBINING HIGHEST EFFICIENCY AND YEAR-ROUND COMFORT WITH A HEAT PUMP SYSTEM



## DID YOU KNOW THAT ...

Air-to-air heat pumps obtain 75% of their output energy from a renewable source: the ambient air, which is both renewable and inexhaustible. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass). A heat pump's efficiency is measured in SCOP (Seasonal Coefficient Of Performance) for heating and SEER (Seasonal Energy Efficiency Ratio) for cooling.





Daikin has a worldwide reputation based on 90 years' experience in the successful manufacture of high quality air conditioning equipment for residential, commercial and industrial use and 56 years as a leader in heat pump technology.

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