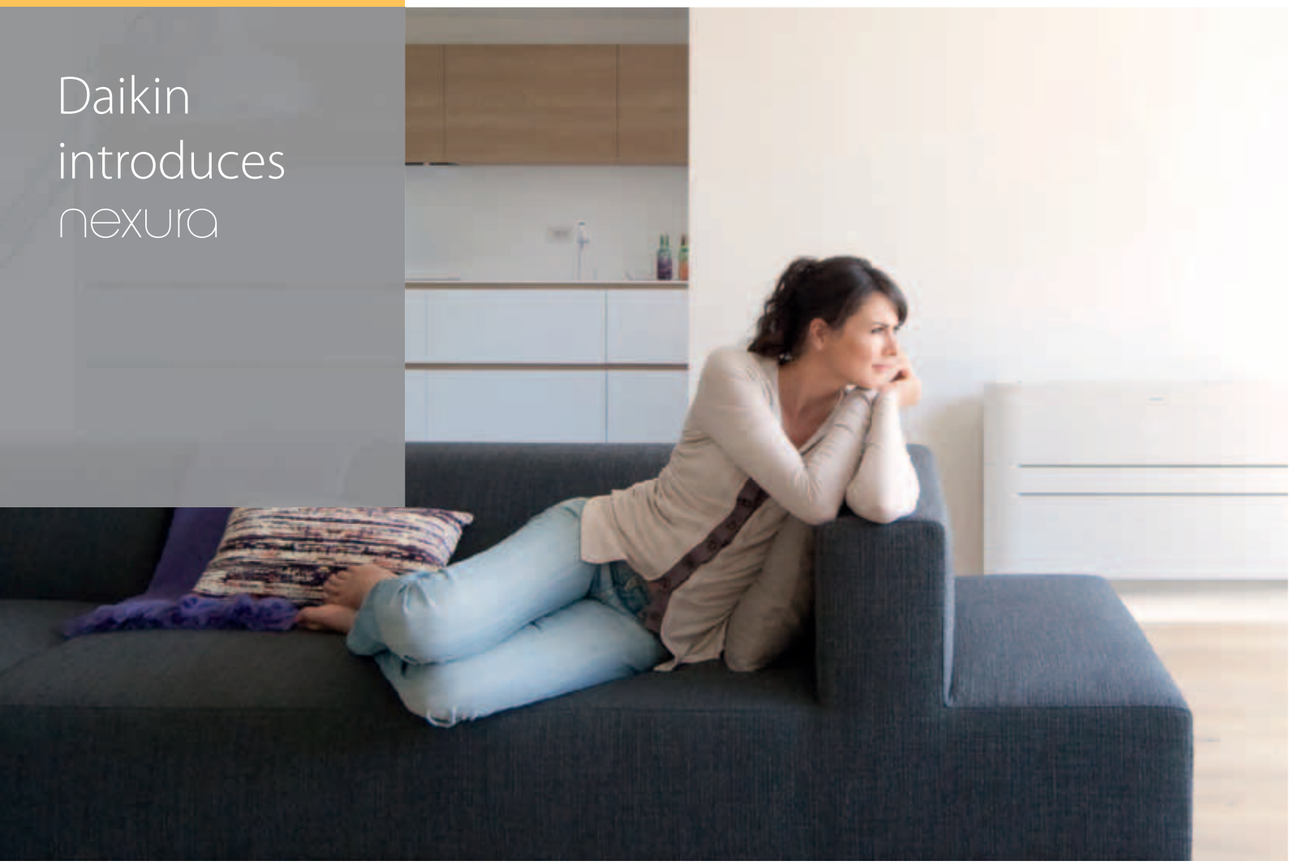
DAIKIN

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

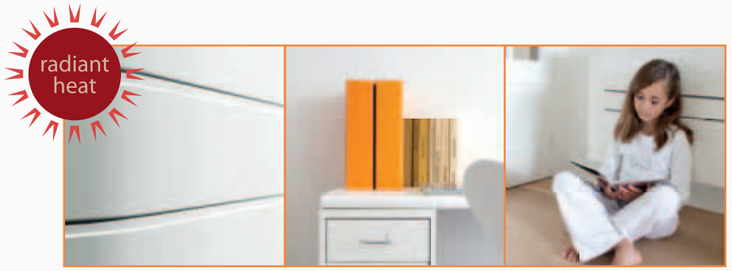
HEATING & COOLING IN ONE

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.

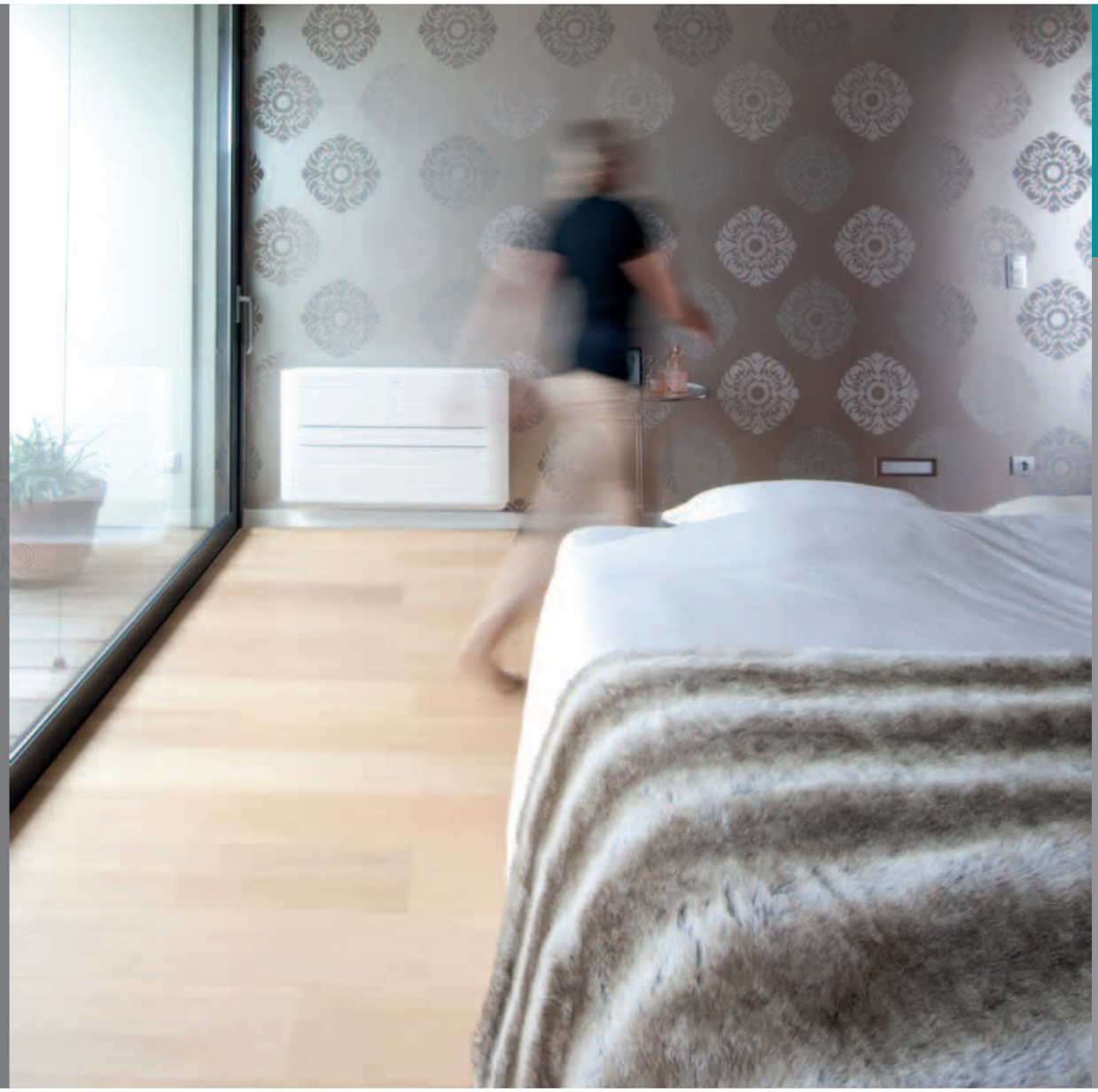
Now you **see it** /

Energy efficiency/

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) → 19 dB(A)
- Low air flow rate
- Full range A class energy label
- Stylish design that blends in any interior

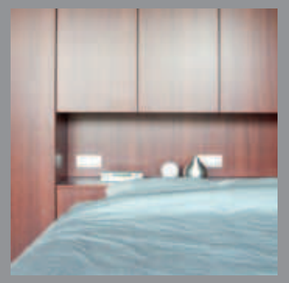


Class A energy label

ENERGY EFFICIENT

When in heating mode, Nexura uses a renewable energy source: air. This makes it more energy efficient than fossil fuel based heating. The unit achieves an energy performance coefficient (COP) of 4. This means that the system produces as much as 4 kilowatts in heating or cooling capacity for every 1 kilowatt of electricity used, putting its efficiency rate at 400%!

Sleep comfortable



→ SLEEP TIGHT AT NIGHT

To help you sleep more comfortably, Daikin Radiation FVX'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.

→ FLEXIBLE 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.

nexura

Floor standing unit with radiant heat panel

Heating & Cooling

Indoor units				*FVXG25K	*FVXG35K	*FVXG50K
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5/3.0	1.4/3.5/3.8	1.4/5.0/5.6
Heating capacity	Min./Nom./Max.		kW	1.3/3.4/4.5	1.4/4.5/5.0	1.4/5.8/8.1
Power input	Cooling	Nom.	kW	0.55	0.95	1.52
	Heating	Nom.	kW	0.78	1.21	1.58
EER				4.55	3.68	3.29
COP				4.36	3.72	3.67
SEER**				4.75	4.74	4.70
Annual energy consumption			kWh	275	475	760
Energy label	Cooling/Heating			A/A	A/A	A/A
Casing	Colour			White	White	White
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215	600x950x215	600x950x215
Weight	Unit		kg	-	-	-
Sound power level	Cooling	High	dBA	54	55	56
	Heating	High	dBA	55	56	58
Sound pressure level	Cooling	High/Nom/Low/Silent	dBA	38/32/26/23	39/33/27/34	44/40/36/32
	Heating	High/Nom/Low/ Silent/Radiant	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/26
Refrigerant	Type			R-410A	R-410A	R-410A
Piping connections	Liquid	OD	mm	6.35	6.35	6.35
	Gas	OD	mm	9.5	9.5	12.7
	Drain	OD	mm	-	-	-
Power supply	Phase;Frequency;Voltage		Hz;V	1;50;220-240	1;50;220-240	1;50;220-240

Outdoor units					*RXG25K	*RXG35K	*RXG50K
Dimensions	Unit	HeightxWidthxDepth		mm	550x828x285	550x828x285	735x901x300
Weight	Unit			kg	34	34	48
Sound power level	Cooling	Nom./High		dBA	-/61	-/63	-/62
Sound pressure level	Cooling	High/Low		dBA	46/43	48/44	48/44
	Heating	High/Low		dBA	47/44	48/45	48/45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	-10~46	-10~46
	Heating	Ambient	Min.~Max.	°CWB	-15~18	-15~18	-15~18
Refrigerant	Type				R-410A	R-410A	R-410A
Piping connections	Piping length	Max.	OU - IU	m	20	20	30
	Level difference	IU - OU	Max.	m	15.0	15.0	20.0
	Total piping length	System	Actual	m	-	-	-
Power supply	Phase;Frequency;Voltage			Hz;V	1;50;220-240	1;50;220-240	1;50;220-240

**prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

Inverter Technology /

AN INNOVATION FOR YOUR BENEFIT: INVERTER TECHNOLOGY

The inverter technology, developed by Daikin is a true innovation in the area of climate control. The principle is simple: inverters adjust the power used to suit the actual requirement. No more, no less. This technology provides you with two concrete benefits:

1. COMFORT

The inverter repays its investment many times over by improving comfort. A heat pump system with an inverter continuously adjusts its heating and cooling output to suit the temperature in the room. The inverter shortens system start-up time enabling the required room temperature to be reached more quickly. As soon as that temperature is reached, the inverter ensures that it is constantly maintained.

2. ENERGY EFFICIENT

Because an inverter monitors and adjusts ambient temperature whenever needed, energy consumption drops by 30% compared to a traditional on / off system!

In all of us, a green heart

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.

EUROVENT CERTIFIED PERFORMANCE

Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.

ECPEN11-006

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