



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



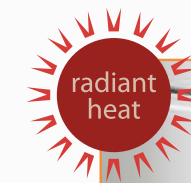
> HEATING & COOLING IN ONE

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 /

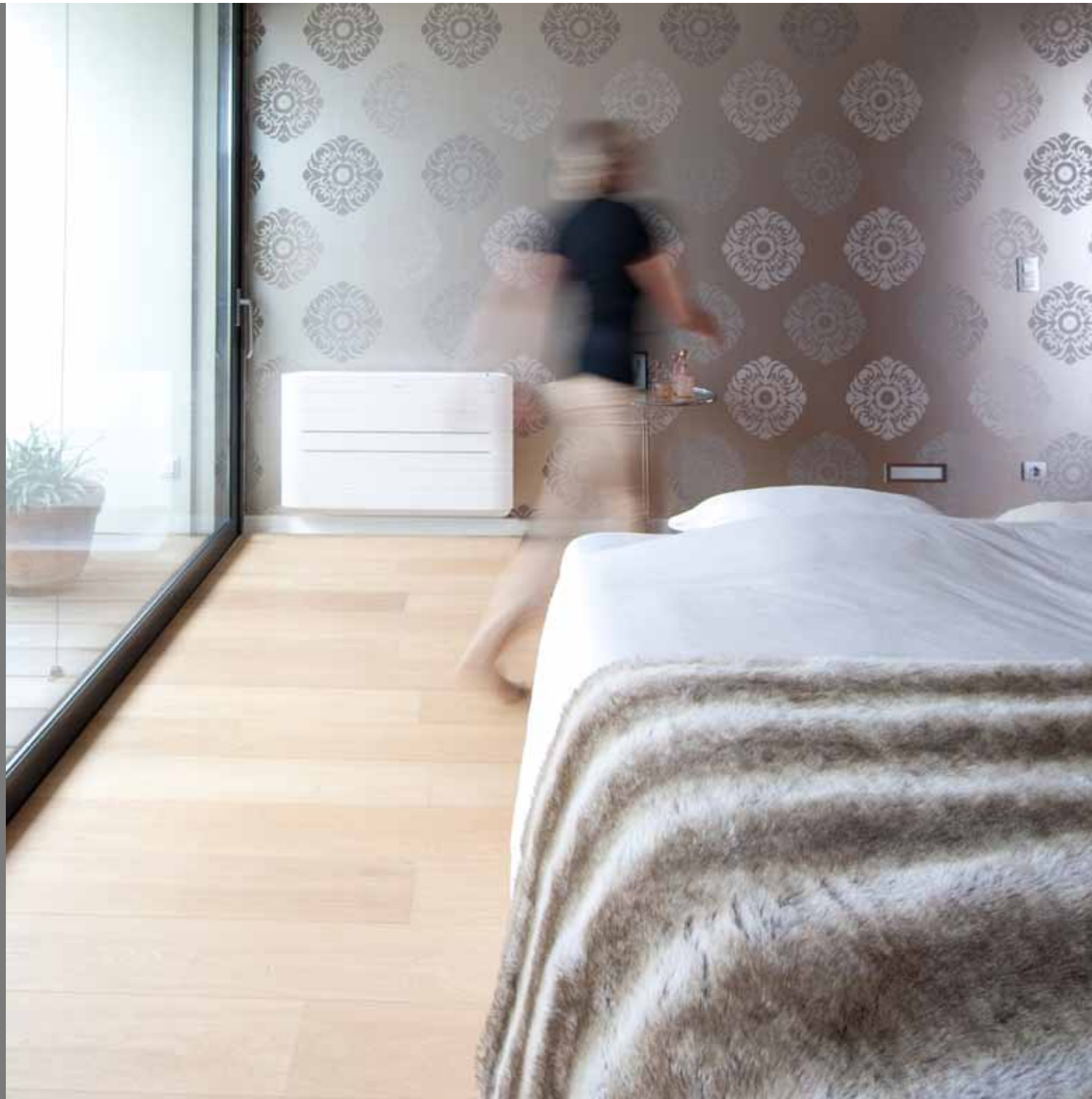


# Energy efficiency/

## > 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) →
- > 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 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.





nexura

Floor standing unit with radiant heat panel

Heating & Cooling

INDOOR UNIT				FVXG25K		FVXG35K		FVXG50K	
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5 (3)/3.0	1.4/3.5 (3)/3.8		1.7/5.0 (3)/5.6	
Heating capacity	Min./Nom./Max.			kW	1.3/3.4 (4)/4.5	1.4/4.5 (4)/5.0		1.7/5.8 (4)/8.1	
Power input	Cooling	Min./Nom./Max.		kW	0.300/0.550/0.790	0.310/0.950/1.150		0.450/1.520/2.000	
	Heating	Min./Nom./Max.		kW	0.290/0.780/1.270	0.290/1.210/1.460		0.500/1.580/2.660	
EER					4.55	3.68		3.29	
COP					4.36	3.72		3.67	
Annual energy consumption				kWh	275	475		760	
Energy label	Cooling/Heating				A/A				
Casing	Colour				Fresh white (6.5Y 9.5/0.5)				
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215					
Weight	Unit		kg	22					
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m³/min	8.9/7.0/5.3/4.5		9.1/7.2/5.3/4.5		10.6/8.9/7.3/6.0	
	Heating	High/Nom./Low/Silent operation	m³/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	Nom.	dBA	54		55		56	
	Heating	Nom.	dBA	55		56		58	
Sound pressure level	Cooling	High/Nom./Low/Silent	dBA	38/32/26/23		39/33/27/24		44/40/36/32	
	Heating	High/Nom./Low/Silent/Radiant	dBA	39/32/26/22/19		40/33/27/23/19		46/40/34/30/20	
Piping connections	Liquid	OD	mm	6.35					
	Gas	OD	mm	9.5				12.7	
	Drain	OD	mm	18					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				

(1) Energy label: scale from A (most efficient) to G (less efficient) (2) Annual energy consumption: based on average use of 500 running hours per year at full load (nominal conditions) (3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB

OUTDOOR UNIT					RXG25K	RXG35K	RXG50K
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight	Unit			kg	34		48
Fan	Air flow rate	Cooling	High	m³/min	33.5	36.0	50.9
			Super low	m³/min		30.1	48.9
		Heating	High	m³/min		28.3	45
			Super low	m³/min		25.6	43.1
Sound power level	Cooling	High		dBA	61	63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	
Compressor	Type	Hermetically sealed swing compressor					
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~20		
Refrigerant	Type	R-410A					
Piping connections	Additional refrigerant charge			kg/m	-		
	Level difference	IU - OU	Max.	m	15	20	
Power supply	Phase / Frequency / Voltage				1~ / 50 / 220-240		

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	6
FVXG25K	•	•	•	•	•	•	•	•	•
FVXG35K	•	•	•	•	•	•	•	•	•
FVXG50K		•		•	•	•	•	•	•

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!





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.



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU). Check ongoing validity of certificate online: [www.eurovent-certification.com](http://www.eurovent-certification.com) or using: [www.certiflash.com](http://www.certiflash.com)

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