



Daikin Sensira

Refreshingly new



BLUEEVOLUTION

R-32

INVERTER



Why choose Daikin's Sensira

BLUEEVOLUTION Thinking beyond today

An old friend who doesn't make trouble

Using R-32 is not unknown territory because R-410A is a blend of 50% R-32 and 50% R-125. Additional benefits of using the single component R-32 refrigerant include the prevention of fractioning or gliding problems and easier recharging and recycling.

Handling as you like it: With working pressures similar to R-410A, the possibility to charge in both liquid and gas phase, and the availability of tools suitable for both R-32 and R-410A equipment, deciding for the Daikin Bluevolution range is easy.

Daikin Sensira R-32

The Daikin Bluevolution range of advanced energy-saving technologies provides high seasonal efficiencies in cooling up to A++++. With the new and improved Sensira R-32, Daikin adds yet another refreshingly innovative unit to an impressive line of products powered by the R-32 coolant. The result? A full range of energy-efficient R-32 units at your disposal.

Daikin first introduced R-32 in 2012. Its low GWP of 675, competitive energy efficiency, safety and affordability make it very attractive. Daikin offers you a unique Bluevolution range of pair and multi units that once again sets the benchmark for residential air conditioning. An intelligent and fresh design that combines leading efficiency values with top comfort features.

✓ Efficiency **A++++**

Sensira creates a comfortable interior environment while maintaining excellent energy efficiency ratings.

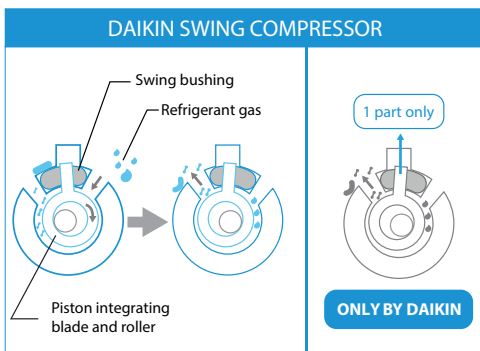
- › Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season. Choosing an R-32 product reduces the environmental impact
- › By 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency.



✓ Reliability

To guarantee the seamless operation of your heating system, the Sensira range offers enhanced features:

- › Swing compressor: enhanced compressor uses the Inverter technology and small capacity steps to adjust a unit's power and meet energy demands. In comparison to a rotary compressor, the swing compressor provides more energy savings, a lower risk for unit breakdown, as well as quieter and vibration-free operation.
- › Most extensive testing before new units leave the factory



✓ Comfort

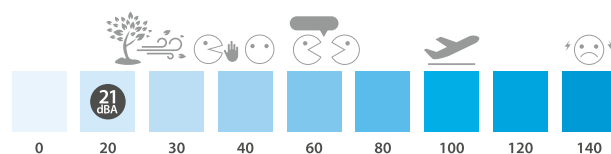
With the Sensira range, you'll never have to compromise comfort for energy efficiency.

Perfect comfort

A flat, stylish front panel blends in easily with any interior décor and is easier to clean. Vertical auto swing with these wall mounted units moves the discharge louvres up and down to give you efficient air and temperature distribution throughout the room. Turbo mode means that the room can heat up or cool down rapidly, for maximum comfort.

Low Sound

With a sound pressure down to 21dBA the new Sensira operates almost unnoticed ensuring a good night's sleep.





Always in control,
no matter where you are

Easy control

With the Daikin Online Controller, you can schedule, manage and monitor your heating system from anywhere.

Simply connect your unit to Wi-Fi and download the app to change the thermostat, set temperature schedules, review your energy consumption and develop your own “If this, then that” workflow. The Daikin Online Controller is also available as a built-in feature for your Daikin unit (optional).



Your home

This screen provides you with an overview of your home, and access to all the features to control up to 50 units at once.



Individual rooms

With the interactive thermostat, you can adjust the temperature, operating mode, air purification and fans for individual rooms.



Time scheduling

Create different schedules with up to 6 actions a day for 7 days and activate specific operation modes.



Energy usage

Icons show where you can save on energy and money



If this, then that

Program your unit to reflect your lifestyle. Connectable with different appliances via the iFTTT platform, you can control the indoor climate of your home from a distance. For example: If you leave your house, then the heating mode turn off.



The infrared remote control is user-friendly and has a timer function which allows you to program the unit to start or stop when you want it to.

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Powerful mode
heat up or cool down rapidly

Vertical swing
efficient air distribution

Timer
allows you to program the unit, including on/off and night set mode*
*1hr after activation of night set mode, the set point is increased in cooling or decreased in heating to ensure comfortable sleeping conditions

Comfort
Intelligent flow of air evades direct contact with people

Remote controller for FTXB20-35C



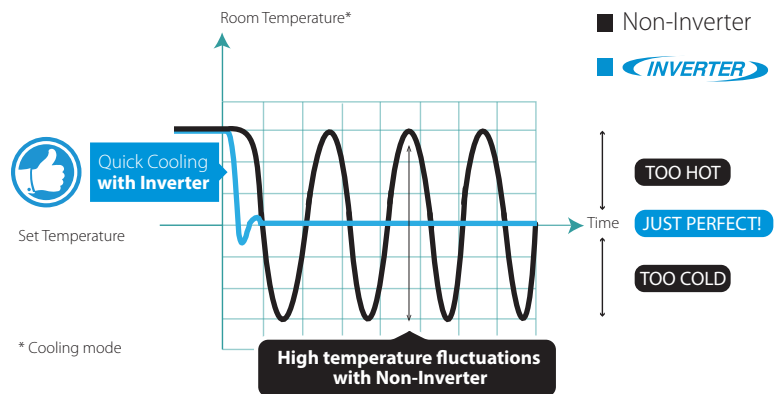
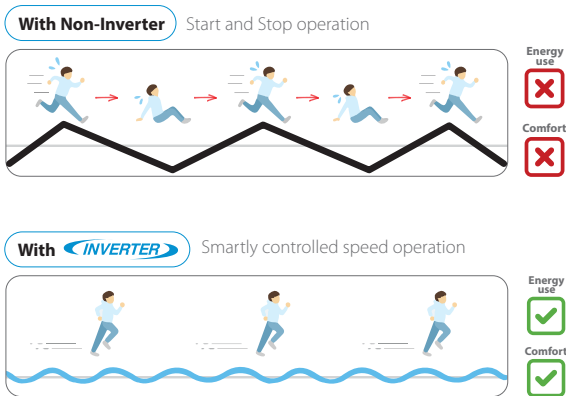
Daikin, your contribution to the environment

When you choose a Daikin air conditioner, you are also thinking of the environment. When we produce your heat pumps, we do our outmost to recycle, reduce waste and use renewable energy. Besides that, Daikin avoids the use of lead, mercury, cadmium and other materials that harm the environment

Inverter Technology



Air conditioner compressors are driven by motor, and motor rotation speed depends on power supply frequency. An Inverter modulates power supply frequency to control motor rotation speed. It stabilizes temperature by adjusting compressor operation according to load to eliminate waste and save energy. Even more, adopting an inverter to the fan motors of the indoor and outdoor units provides more precise control and contributes to energy saving.

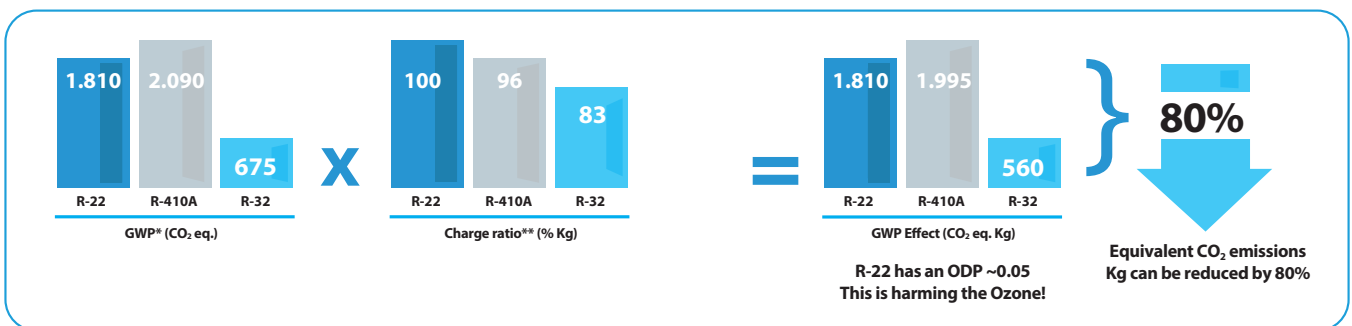




R-32 is a next generation refrigerant that efficiently carries heat and has lower environmental impact

BLUEVOLUTION

Because R-32 efficiently conveys heat, it can reduce electricity consumption up to 10% compared to air conditioners using the R-22 refrigerant. Furthermore, compared to refrigerants widely used today such as R-22 and R-410A, R-32 has a global warming potential (GWP) that is one-third lower and is remarkable for its low environmental impact.



Daikin wall mounted units offer you all sorts of advantages in several areas.

✓ Comfort



Econo mode



Guaranteed operation down to -25°C



Comfort mode



Powerful mode



Whisper quiet



Auto fan



Online controller

Creating the perfect climate is what Daikin units are all about. To ensure a perfect balance in 'comfort mode', cooling air is directed upwards to avoid cold draughts, and when the unit is heating the room, hot air is directed downwards to avoid cold air at floor level. If the temperature in the room is too high or too low, 'powerful mode' will quickly adjust the temperature appropriately so that the room reaches the right temperature.

Superbly silent

Loud units are a thing of the past. Daikin systems are nearly inaudible. Enjoy year-round well-being without distracting noise.

Filter

For your health, you want the air that you breathe to be free of dust or other harmful particles. Daikin's filter removes airborne dust particles and decomposes the odors of tobacco and pets, for example. It also traps and even deactivates harmful organic chemical substances.

✓ Energy efficiency

Creating a fresh climate at home is about more than just pure comfort. Daikin systems are easy on your wallet and good for the environment, too. The next-generation refrigerant R-32 and optimized compressors make sure you stay in your comfort zone.

High efficiency in heating and cooling

Daikin's range of advanced energy-saving technologies provide high seasonal efficiencies in heating and cooling up to A++++; and our redesigned swing compressors are also more efficient.

R-32: More efficient, more eco-friendly

Daikin uses R-32 refrigerant, a unit that emits fewer CO₂ emissions, resulting therefore in lower global warming potential and are overall more efficient.

✓ Control

Daikin wall mounted units come with a standard wireless remote controller. Our online controller ensures that you are in control wherever you are. You can control your indoor units with an app (available for iOS and Android). The weekly timer can be set to start operation at any time on a daily or weekly basis.

✓ Service

With Daikin installation, you can rest assured you are benefiting from the best comfort, energy efficiency, usability and service available on the market.

FTXF-A + RXF-A

Wall mounted unit

Wall mounted unit for low energy consumption and pleasant comfort

- › Energy efficiency values up to A++++ in cooling
- › Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- › Quiet in operation down to 21 dBA
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency



Efficiency data				FTXF + RXF	35A + 35A	50A + 50B	60A + 60B	71A + 71A
Cooling capacity	Min./Nom./Max.		kW		2.88/3.51/3.62	— /5.0/—	5.76/6.35/6.76	6.37/7.61/8.13
	Mid		Btu/hr		9873/11982/12663	—	19660/21653/23063	21742/25962/27734
Heating capacity	Min./Nom./Max.		kW		2.26/3.50/3.99	— /6.0/—	4.13/6.40/7.43	5.30/8.20/9.51
	Mid		Btu/hr		7711/11942/13614	—	14092/21838/25352	18084/27980/32449
Power input	Cooling	Min./Nom./Max.	kW		0.80/0.78/0.64	—	1.58/1.35/1.18	1.80/1.93/1.60
	Heating	Min./Nom./Max.	kW		0.95/0.94/1.04	—	1.67/1.63/1.75	2.69/2.60/2.77
Nominal efficiency	EER		Btu/hr		17.74		18.1	15.88
	COP				3.71	3.93	3.93	3.16
Egypt Energy label					A++++	A++++	A++++	A++

Indoor unit				FTXF/FTXF	35A	50A	60A	71A
Dimensions	Unit	HeightxWidthxDPTH		mm	286 x770 x225	295 x990 x263		
Weight	Unit			kg	9.00	13.5		
Air filter	Type	Removable / washable						
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m ³ /min	4.5 /6.3 /8.3 /11.5	10.5 /11.9 /14.4 /16.8	10.7 /12.2 /14.8 /17.3	
		Heating	Silent operation/Low/Medium/High	m ³ /min	5.3 /7.0 /9.0 /11.5	10.7 /12.2 /14.8 /17.3	11.3 /12.8 /15.8 /17.9	
Sound power level	Cooling			dBA	58	59	60	62
	Heating			dBA	58	61	62	
Sound pressure level	Cooling	Silent operation/Low/High		dBA	20 /27 /43	31 /34 /43	33 /36 /45	34 /37 /46
	Heating	Silent operation/Low/High		dBA	21 /29 /40	30 /33 /42	32 /35 /44	33 /36 /45
Control systems	Infrared remote control				ARC470A1			
	Wired remote control				BRC944B2/BRC073A1	BRC073A1		

Outdoor unit				RXF/RXF	35A	50B	60B	71A
Dimensions	Unit	HeightxWidthxDPTH		mm	550 x658 x275	734 x870 x373		
Weight	Unit			kg	28	46.0	50.0	
Sound power level	Cooling			dBA	62	61	63	66
	Heating			dBA	62	61	63	65
Sound pressure level	Cooling	Nom./High		dBA	-/48	47 /-	49 /-	52 /-
	Heating	Nom./High		dBA	-/48			52 /-
Operation range	Cooling	Ambient	Min.~Max.	°CDB	~	-10 ~46		~
	Heating	Ambient	Min.~Max.	°CWB	~	-15 ~18		~
Refrigerant	Type	R-32						
	GWP				675.0	675		
Piping connections	Charge			kg/TCO ₂ Eq	0.70 /0.48	0.90 /0.61	1.15 /0.78	
	Liquid	OD		mm	635	6.4		
Piping length	Gas	OD		mm	9.5	12.7		
	OU - IU	Max.		m	15	30		
Additional refrigerant charge				kg/m	0.02 (for piping length exceeding 10m)			
	Level	IU - OU	Max.	m	12	20		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50 /220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases

- Rated cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 43°C - 35°C - 29°C DB
- Rated heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature :7°CDB, 6°CWB
- Cooling Capacity and EER tolerances 5%
- Blue cells contain preliminary data



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