



South Africa

sensira



AI Rosense

Daikin Sensira Refreshingly new



Discreet wall mounted unit providing high efficiency and comfort



Why choose Daikin




Creating the perfect indoor climate is what Daikin units are all about.

With more than 90 years of experience in climate control technologies, we understand what it takes to create a comfortable environment for your home, business or office. That's why we are proud to introduce the latest edition of our Split range: Sensira R-32.

Equipped with R-32 refrigerant and enhanced features, Sensira uses the latest technologies to achieve more energy efficiency and energy savings.

Discover how Sensira R-32 can help you achieve your perfect climate.



Why choose Daikin's Sensira

✓ 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 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. Sensira R-32 achieves A⁺⁺ in heating with R-32 refrigerant

BLUEVOLUTION Thinking beyond today

From 2025 on, the European F-gas regulation prescribes the use of refrigerants with a GWP below 750 for all pair split air conditioner installations with a refrigerant charge below 3kg. R-410A (GWP 2087.5) will remain available for other applications and service. **South Africa will follow this F-gas regulation and thus current market will also be impacted.**

Daikin first introduced R-32 in 2012. Its low GWP of 675, competitive energy efficiency, safety and affordability make it very attractive. From 2016 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 combines leading efficiency values with top comfort features.

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 refrigerant R-32 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.



✓ Reliability

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

- › Swing compressor: enhanced compressor uses 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 and quieter and vibration-free operation
- › Most extensive testing before new units leave the factory

Corrosion Proof

Our units come with a strong anti-corrosion treatment. All our coils are treated with our special Blue Fin coil treatment for extra protection. These coils have been tested externally in TUV Singapore where our coils sustained more than 3000 hours of salt spray. Additionally, the circuit boards have an extra protective film, to protect the electronics against corrosive environments. Lastly our outdoor unit frames have been powder coated with galvanized pans

✓ Comfort

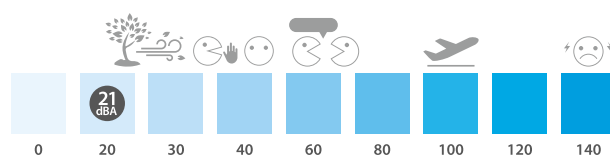
With the Sensira range, you never have to sacrifice comfort for energy efficiency.

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





✓ 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 of 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

Programme 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 your heating will turn off.



The infrared remote control is user-friendly and has a timer function which allows you to programme 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

Comfort
Intelligent flow of air evades direct contact with people

Timer
allows you to programme 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

Remote controller for FTXB20-35C

Wall mounted unit

Wall mounted unit for low energy consumption and pleasant comfort

- › Seasonal 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	25C + 25C	35C + 35C	50A + 50B	60A + 60B	71A + 71A
Cooling capacity	Min./Nom./Max.	kW	1.3/2.00/2.4	1.3/3.30/3.8	1.7/5.00/6.0	1.7/5.00/6.0	2.30/7.10/7.30
Heating capacity	Min./Nom./Max.	kW	1.30/2.80/3.70	1.30 /3.50 /4.40	1.70/6.00/7.70	1.70/6.00/7.70	2.30/8.20/9.00
Power input	Cooling	Min./Nom./Max.	kW	0.31 / 0.772 / 1.05	0.31 /1.00 /1.40	0.32/1.50/1.83	0.32/1.50/1.83
	Heating	Min./Nom./Max.	kW	0.25/0.750/1.11	0.25 /0.940 /1.50	0.44/1.62/2.36	0.44/1.62/2.36
Space cooling	Energy efficiency class				A++		A
	Capacity	Pdesign	kW	2.50	3.50	5.00	7.10
	SEER			6.22	6.22	6.21	5.15
	Annual energy consumption		kWh/a	141	197	282	483
Space heating (Average climate)	Energy efficiency class				A+		A
	Capacity	Pdesign	kW	2.40	2.60	4.60	6.20
	SCOP/A			4.11		4.06	3.81
	Annual energy consumption		kWh/a	817	885	1,584	2,278
Nominal efficiency	EER			3.24	3.30	3.33	2.56
	COP			3.73	3.72	3.71	3.15
	Energy labeling Directive Cooling/Heating					A/A	E/D

Indoor unit		FTXF	25C	35C	50A	60A	71A	
Dimensions	Unit HeightxWidthxDepth	mm	286x770x225	286x770x225	295x990x263	295x990x263	295x990x263	
Weight	Unit	kg	8.00	8.50	13.5	13.5	13.5	
Air filter	Type		Removable / washable					
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m ³ /min	4.4/5.9/7.9 /9.8	4.4/6.1/8.1 /10.1	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	5.3/6.5/8.4 /10.3	5.3/6.7/8.6 /10.3	10.7/12.2/14.8 /17.3	11.3/12.8/15.8 /17.9
Sound power level	Cooling/Heating	dBA	55/55		59/61	60/62	60/62	
Sound pressure level	Cooling	Silent operation/Low/High	dBA	20/25/39	20/26/40	31/34/43	33/36/45	
	Heating	Silent operation/Low/High	dBA	21/28/39	21/28/40	30/33/42	32/35/44	
Control systems	Infrared remote control		ARC470A1					
	Wired remote control		BRC944B2 / BRC073A1					
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					

Outdoor unit		RXF	25C	35C	50B	60B	71A
Dimensions	Unit HeightxWidthxDepth	mm	550x658x275		735x825x300	735x825x300	734x870x373
Weight	Unit	kg	28		47	47	50
Sound power level	Cooling/Heating	dBA	60/61		61/61	63/63	66/65
Sound pressure level	Cooling	High	dBA	46	47	49	52
	Heating	High	dBA	47	49	49	52
Refrigerant	Type/ GWP		R-32 / 675				
	Charge	kg/TCO2Eq	0.70/0.48		0.90/0.61	1.15/0.78	1.15/0.78
Piping connections	Liquid	OD	mm	6,35		6,4	6,4
	Gas	OD	mm	9,5		12,7	12,7
	Piping length	OU - IU Max.	m	15		30	30
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 10m)			
Power supply	Level difference	IU - OU Max.	m	12		20,0	20,0
	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				



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