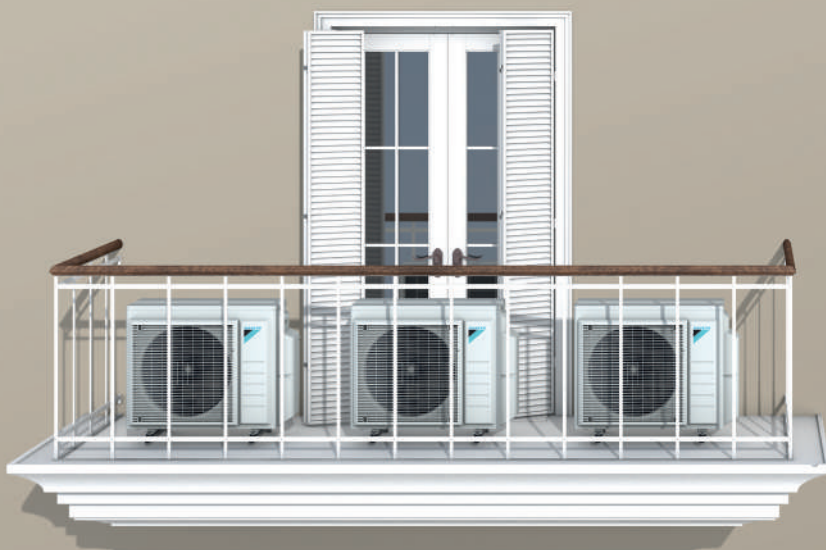
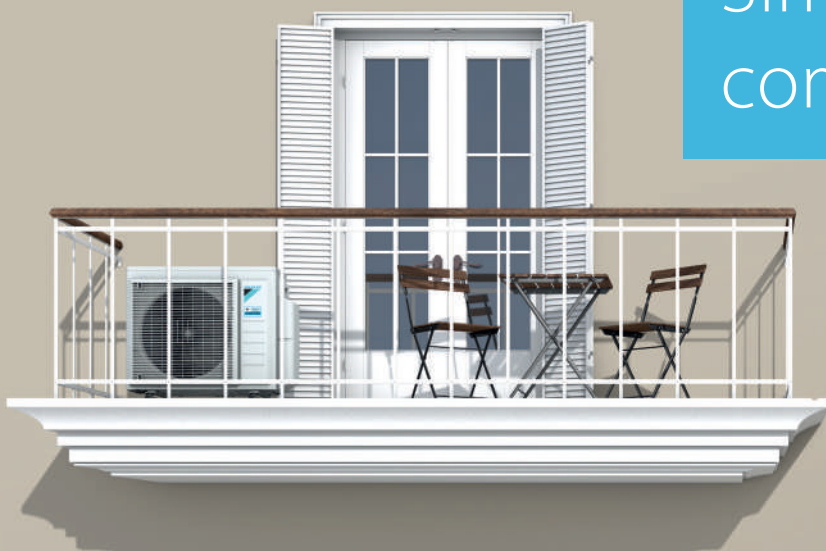




Multi split

Simply extend your comfort!



Less is more – with Daikin multi split air conditioners

R-32

INVERTER



Exploit all the advantages of Daikin multi split solutions

Maximise your personal comfort

A Daikin multi split system offers you unexpected possibilities in creating a comfortable and cosy home. This is your solution to reduce limitations like room size, room number, environmental impact and financial aspects.



Perfera

Attractive, wall mounted design with perfect indoor air quality

The enhanced design of Perfera offers a boost in energy efficiency and lower running costs.



A maximum flexible system – always scalable to your needs

There are many possibilities in comfort you can profit from a multi split solution:

- › **Up to 5 indoor units** connectable to only one outdoor unit
- › Every single indoor unit can be **regulated separately**
- › Choose from **a greater variety** of connectable indoor unit types out of our split and Sky Air series (see table on back cover)
- › Use low capacity indoor units specially **designed for small rooms** which can only be connected to a multi split system
- › Are you planning an **additional indoor unit later on?** Just decide now for an outdoor unit with higher capacity and simply connect it later



Keep the installation simple and affordable

The installation might be the disturbing and demanding part before you can enjoy your new comfort of climatisation. So simply keep it as uncomplicated and fast as possible – with a Daikin multi split system:

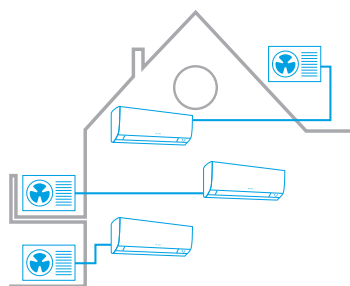
- › **Save space:** Drastically reduce the space required for placing a number of units on your facade
- › **Save mounting equipment:** Wherever you want to place an outdoor unit, for every unit you will need a mounting for a secure fixing and problem-free operation
- › **Save time:** The physical installation, wiring, drain piping as well as the initial setup of only one system is much easier and faster
- › **Gain flexibility in positioning** indoor and outdoor units: Daikin multi split outdoor units allow longer piping distances – place every unit where it best suits you

Minimal maintenance and troubleshooting

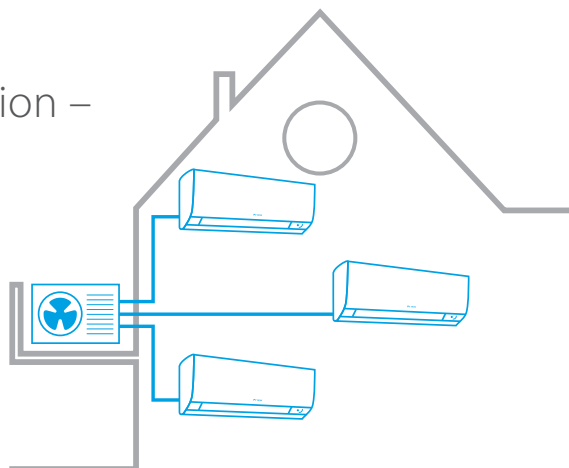
To ensure highly-efficient, trouble-free operation of the whole system, your air conditioning system has to be checked periodically. Minimise these efforts by reducing the number of involved units.

When using only one outdoor unit instead of two or more, the statistical probability of a possible technical defect is reduced with every unit that you do not need.

Pair split or multi split combination – the direct system comparison



Conventional pair split installation for air-conditioning three rooms



Solution for the same situation with only one multi split outdoor unit

We keep your environment in mind

The obvious main difference between a classic pair split system and a Daikin multi split system is simply the number of outdoor units. This is how your environment will profit from this:

- › **Less visibility:** Enjoy your nice ambience. Finding just one hiding place is much easier
- › **Less noise:** Only one unit in operation is much quieter than two or more units
- › **Less power consumption:** Our big compressors can work more efficiently than various smaller ones with the same capacity in sum. Also save a significant proportion of energy thanks to standby mode
- › **Less refrigerant charge** needed in sum to operate the same indoor units
- › **Less resources** needed for building and shipping only one unit

Daikin, your contribution to the environment

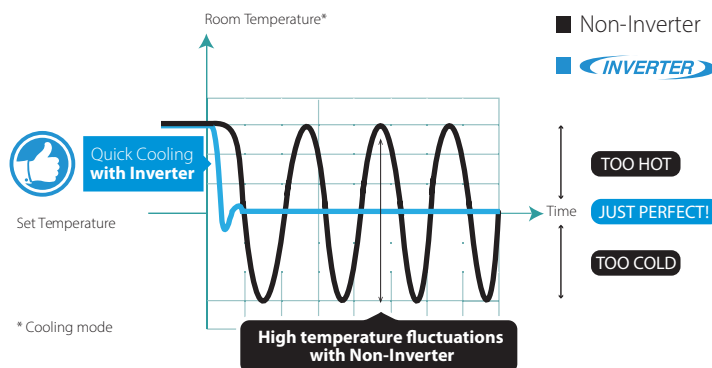
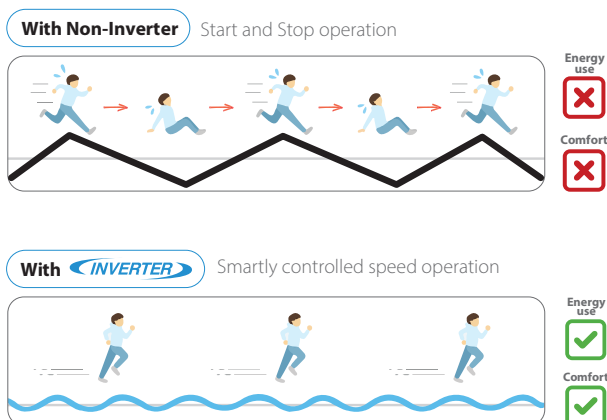
When you choose a Daikin air conditioner, you are also thinking of the environment. When we produce your heat pumps, we do our outmost to recycle, reduce waste and use renewable energy. Besides that, Daikin avoids the use of lead, mercury, cadmium and other materials that harm the environment.



Inverter Technology



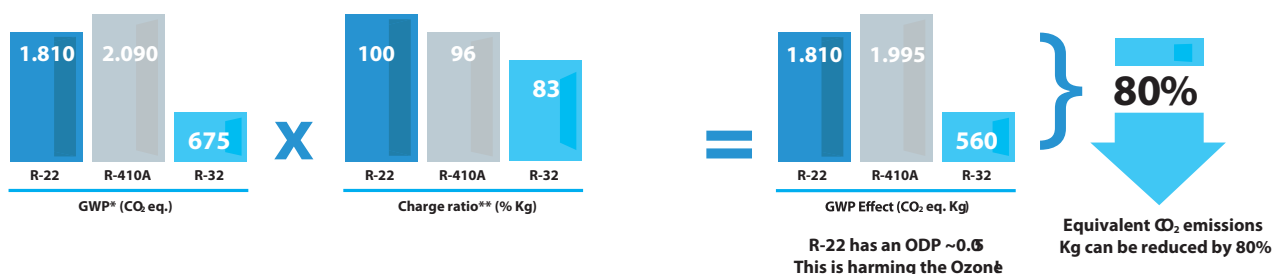
Air conditioner compressors are driven by motor, and motor rotation speed depends on power supply frequency. An Inverter modulates power supply frequency to control motor rotation speed. It stabilizes temperature by adjusting compressor operation according to load to eliminate waste and save energy. 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.



At a glance

Main advantages of Daikin multi split

Using **only one outdoor unit** for all your indoor units means:

- › Less mounting space, less visibility, less sound
- › Easier installation, wiring, piping and maintenance
- › Lower power consumption, high efficiency
- › More flexibility: Connect up to 5 indoor units of any style

Simply extend your comfort with Daikin multi split!



Daikin multi split outdoor units – combination table

CONNECTABLE INDOOR UNITS	Wall mounted										Concealed ceiling								Round flow cassette			Concealed floor standing		
	(C)/FTXM-N							FTXJ-M			FDXM-F9				FBA-A9				FCAG-A			FNA-A9		
	15	20	25	35	42	50	60	71	35	50	25	35	50	60	35	50	60	35	50	60	25	35	50	60
2MXM40M	●	●	●	●					●	●	●	●	●											
2MXM50M9	●	●	●	●	●				●	●	●	●	●											
3MXM40N	●	●	●	●					●		●	●			●			●			●	●		
3MXM52N	●	●	●	●	●				●	●	●	●	●		●	●		●	●		●	●	●	●
3MXM68N	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM68N	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM80N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXM90N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Daikin multi split outdoor units – specifications

BLUEVOLUTION

Outdoor unit				2MXM40M	2MXM50M9	3MXM40N	3MXM52N	3MXM68N	4MXM68N	4MXM80N	5MXM90N
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285				734x958x340			
Weight	Unit		kg	36	41		57	62	63	67	68
Sound power level	Cooling		dBA	60	60		59		61		64
	Heating		dBA	62	62		59		61		64
Sound pressure level	Cooling	Nom./High	dBA	-/46	-/48		46/-		48/-	49/-	52/-
	Heating	Nom./High	dBA	-/48	-/50		47/-		48/-	49/-	52/-
Operation range	Cooling	Ambient	Min.~Max.	°CDB				-10~46			
	Heating	Ambient	Min.~Max.	°CWB				-15~18			
Refrigerant	Type							R-32			
	GWP							675			
	Charge		kg/TCO2Eq	0.88/0.59	1.15/0.78	1.80/1.2		2.00/1.4		2.40/1.6	
Piping connections	Liquid	OD	mm					6.35			
	Gas	OD	mm					9.5			
	Piping length	OU - IU	Max.	m				25			
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 20m)				0.02 (for piping length exceeding 30m)			
	Level difference	IU - OU	Max.	m				15.0			
	Total piping length	System	Actual	m				30	50	60	70
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-230-240				1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)		A	16				30			

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