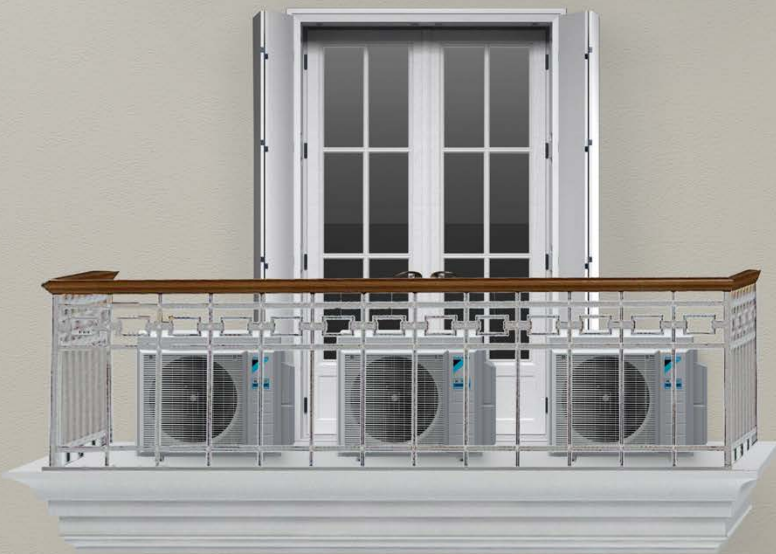




Multi split

Simply extend your comfort!



Less is more – with Daikin multi split air conditioners

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.



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:

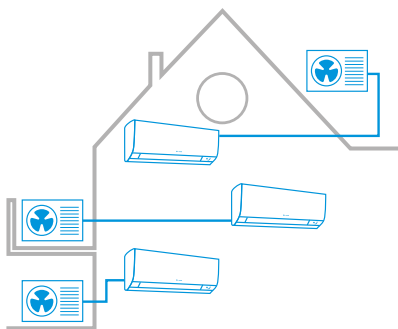
- › **Save space:** Drastically reduce the space required for placing a number of units on your facade
- › **Save mounting equipment:** Wherever you want to place an outdoor unit, for every unit you will need a mounting for a secure fixing and problem-free operation
- › **Save time:** The physical installation, 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

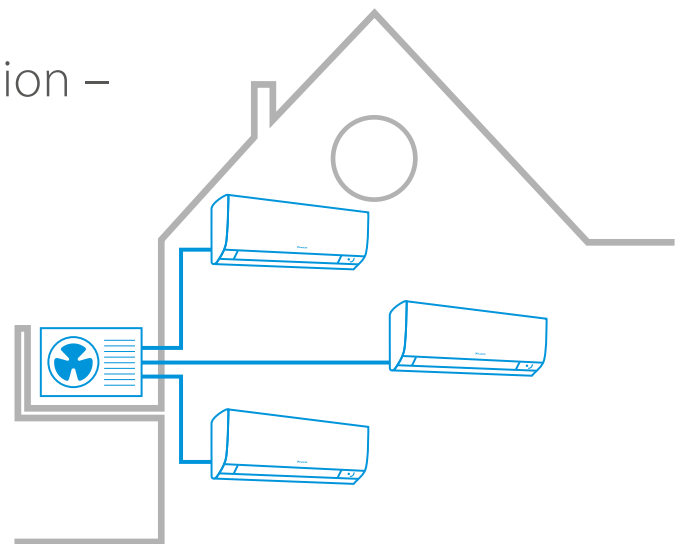
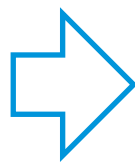
To ensure highly-efficient, trouble-free operation of the whole system, your air conditioning system has to be checked periodically. Minimise these efforts by reducing the number of involved units.

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

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

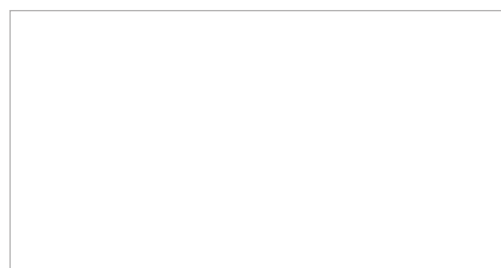
CONNECTABLE INDOOR UNITS	Wall mounted																					Concealed ceiling						Floor standing		Round flow cassette		Fully flat cassette		Ceiling suspended			Concealed floor standing									
	(C)/FTXA-AW/S/T						(C)/FTXM-N						FTXJ-M			FTXP-M			FDXM-F9			FBA-A9			FVXM-F		FCAG-A		FFA-A9		FHA-A9			FNA-A9												
	15	20	25	35	42	50	15	20	25	35	42	50	60	71	20	25	35	50	20	25	35	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	35	50	60	25	35	50	60			
2MXM40M	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
2MXM50M9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3MXM40N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3MXM52N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3MXM68N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM68N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM80N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXM90N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Daikin multi split outdoor units – specifications

BLUEOLUTION

Outdoor unit				2MXM40M	2MXM50M9	3MXM40N	3MXM52N	3MXM68N	4MXM68N	4MXM80N	5MXM90N			
Dimensions	Unit	HeightxWidthxDPTH		mm	550x765x285	734x958x340								
Weight	Unit			kg	36	41	57	62	63	67	68			
Sound power level	Cooling			dB(A)	60	60	59	61				64		
	Heating			dB(A)	62	62	59	61				64		
Sound pressure level	Cooling	Nom./High		dB(A)	-/46	-/48	46/-	48/-		49/-	52/-			
	Heating	Nom./High		dB(A)	-/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									
Piping connections	Liquid	OD		mm	0.88/0.59		1.15/0.78		1.80/1.2		2.00/1.4		2.40/1.6	
	Gas	OD		mm	6.35						9.5			
Piping length	OU - IU	Max.		m	20						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	75			
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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