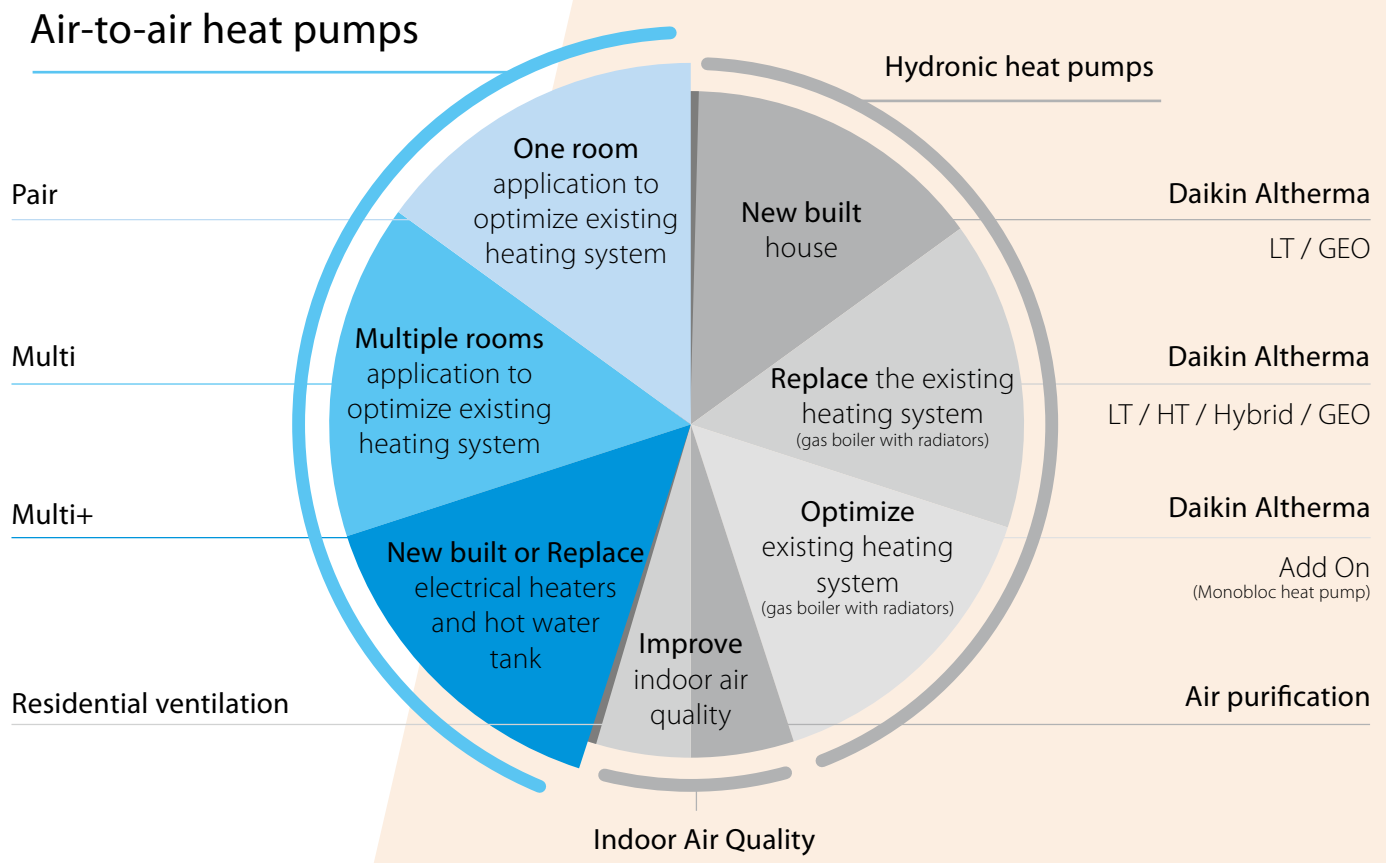


Multi Split

Residential
air to air solutions



Residential air-to-air heat pump **solutions** according to your customer's needs



8 reasons to buy a Daikin (multi-)split system



Best performance and **highest energy** efficiencies
in cooling and heating



Best comfort throughout the year, thanks to
the **intelligent sensors** and **airflow techniques**



Reliability thanks to **best technologies** and **service**



Connectivity: remote monitoring and WLAN available



Multi connection up to **5 ports**



Top indoor air quality through **unique filtration**



Highest quality standards: from parts to production



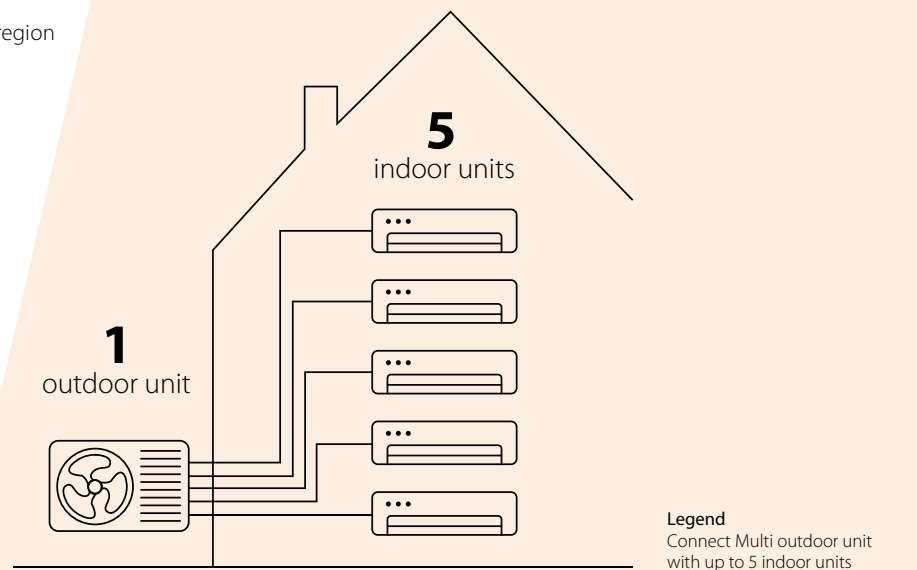
Iconic and **award-winning** design

Why choose Multi?

Your customer wants to **keep the existing boiler, but reduce the gas consumption.** Your customer wants a sustainable heating system, while only using gas for water heating.

Your customer's house:

- Up to 5 rooms to be heated/cooled
- Located in a warm or average climate region
- Any number of inhabitants
- A single or multi family house



1 | Flexibility

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

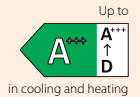


Use **low capacity** indoor units specially designed for small rooms which can only be connected to a multi split system



Are you planning an additional indoor unit later on? Just **decide now** for an outdoor unit with higher capacity and simply **connect it later**.

2 | Efficiency



Our durable compressors can work very efficiently thanks to the inverter principle. Only the necessary capacity is produced according to the number of indoor units that are switched on. With efficiencies up to A+++^(*) in heating, your customer can drastically reduce the gas energy bill and only use the gas boiler for producing hot water.

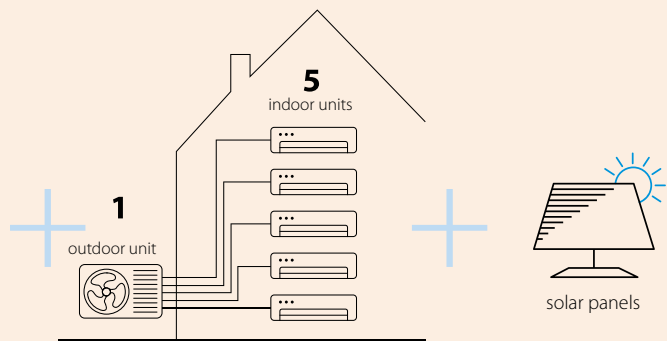
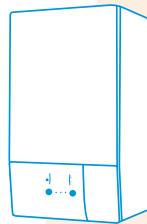
^(*) Perfera C/FTXM-A in combination with 3MXM52A(9)
For exact combinations, please refer to the multi specifications on p. 373

Quickly reduce on the energy consumption

Add a multisplit system and photovoltaic solar panels to an existing gas boiler and save on your energy bill.

In spring and autumn, simply turn down the radiators or room thermostat. The multisplit will be perfectly capable to cover the full demand.

In the heart of winter, open the radiators and have them work complementary with your air-to-air heat pump, as they will act as a secondary heat source when needed.



3 | Easy installation, piping and wiring

Wherever you want to place an outdoor unit, for every unit you will need correct mounting equipment for a secure fixing and problem-free operation. The physical installation, wiring, drain piping as well as the initial setup of only one system is easy and fast.

4 | Full comfort offering heating AND cooling

Adding a multi system to the existing gas boiler, saves energy and offers a high level of comfort. And as a plus, not only heating but also cooling is offered with high efficiencies. But if needed, the heat lock mode exists to block the system to only operate in heating mode.

5 | Control your units, wherever you are

All indoor units are individually controllable with their supplied remote control or via the Onecta app. The Daikin Onecta app enables scheduling, controlling and monitoring of each air-to-air heat pump unit also via voice control. Onecta is compatible with Amazon Alexa and Google Assistant.



6 | Limited mounting space, low sound

Limited mounting space

The multi outdoor unit is very compact, which can be installed in different ways (on the wall, on a terrace, in the back of a garden, etc.).

Low sound

Multi outdoor units are standardly very quiet, down to 46 dBA, similar to a dishwasher. Additionally, the Night Quiet Mode function reduces operating noise of the outdoor unit at nighttime, based upon your schedule.

Did you know a special software is developed on a range of outdoor units* to lower the sound level at all times if required by legislation.

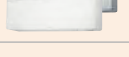
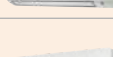
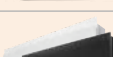
* 2MXM40-50A9, 3MXM40-52A



Full Split R-32 product range

Full **R-32** indoor unit range
for average and cold
outdoor temperatures



	Model	Product name	15	20	25	30	35	40	42	50	60	71
Standard range	Ururu Sarara Complete climate control with (de) humidification, air purification & ventilation with top efficiencies in heating & cooling	FTXZ-N 										
	Daikin Emura UPDATE Design that speaks for itself	FTXJ-AW/S/B9 										
	Stylish UPDATE Most compact design wall mounted unit	CTXA-CW/S/B 	(multi only)									
		FTXA-CW/S/B 										
	Perfera Wall mounted unit design for high performance and high indoor air quality	CTXM-A 	(multi only)									
		FTXM-A 										
	Comfora UPDATE Discreet wall mounted unit providing high efficiency and comfort	FTXP-N(9) 										
	Sensira NEW Wall mounted unit for low energy consumption and pleasant comfort	FTXF-F 										
		CTXF-F 	(multi only)	(multi only)		(multi only)						
	Sensira NEW Wall mounted unit, offering good value for money and ensuring a steady supply of clean air	FTXC-E 										
		CVXM-B 	(multi only)									
Floor standing	Perfera UPDATE Design floor standing unit for optimal heating comfort thanks to unique heating features	FVXM-B 										
	Concealed ceiling Compact concealed ceiling unit, with a height of only 200mm	FDXM-F9 										
<i>Siesta</i> range	Siesta wall mounted unit Discreet, modern design for optimal efficiency and comfort thanks to 2 area motion detection sensor	ATXM-A 	(multi only)									
	Siesta wall mounted unit Discreet Siesta wall mounted unit providing high efficiency and comfort	ATXP-N9 										
	Siesta wall mounted unit NEW Wall mounted unit for low energy consumption and pleasant comfort	ATXF-F 										
		ATXF-G 	(multi only)			(multi only)						
	Siesta wall mounted unit Wall mounted unit, offering good value for money and ensuring a steady supply of clean air	ATXC-E 										
nepura range	Daikin Emura Design that speaks for itself	FTXTJ-AW/B 										
	Stylish Most compact design wall mounted unit, even at ambient temperatures down to -25°C	FTXTA-CW/B 										
		FTXTM-A 										
	Comfora NEW Discreet wall mounted unit providing high efficiency and comfort	FTXTA-A 										
	Perfera UPDATE Design floor standing unit for optimal heating comfort thanks to unique heating features	FVXTM-B 										

Energy efficiency class in cooling and heating (average climate)

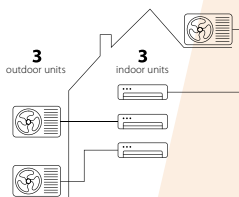


Full **R-32** pair and multi outdoor unit range

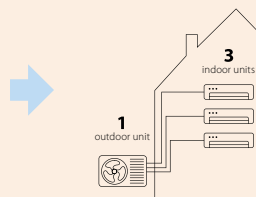
Flexible configurations work in all homes

Whether you are looking for a single room solution or a system for your entire home, we can accommodate your needs.

Pair split or multi split combination – the direct system comparison



Conventional pair split installation for three rooms



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

Model		Product name	20	25	30	35	40	42	50	52	60	68	71	80	90
Standard range	Pair heat pump	RXZ-N		•		•			•						
		UPDATE RXJ-A9	•	•		•		•	•						
		UPDATE RXA-A8/B8	•	•		•		•	•						
		UPDATE RXM-A(9/8)	•	•		•		•	•		•		•		
		UPDATE RXP-N9/8	•	•		•		•	•		•		•		
		NEW RXF-F/D9	•	•		•		•	•		•		•		
		NEW RXC-E	•	•		•			•		•		•		
Multi heat pump	Multi heat pump	2-port MXM-A9					•		•			•			
		3-port MXM-A9					•			•		•			
		4-port MXM-A9										•		•	
		5-port MXM-A9													•
		2-port MXF-A					•		•						
Multi + heat pump and hot water	Multi + heat pump and hot water	3-port MXF-A9								•		•			
		4-port MWXM-A9								•					
		NEW 5 port MWXM-A9										•			•

Less is More



Multi Split

Simply extend you 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 environmental impact and financial aspects.

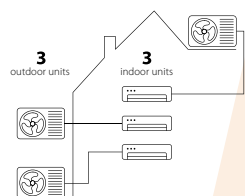
Less mounting space, less visibility, less sound

- **Save space:** Drastically reduce the space required for placing a number of units on your facade
- **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

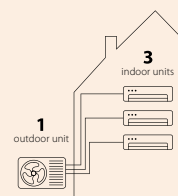
Lower power consumption, high efficiency

- **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

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

Easier installation, wiring, piping and maintenance

- **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
- 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

More flexibility: Connect up to 5 indoor units of any style

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
- 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
- Have more than 5 rooms to connect? Our VRV systems provide the solution, find out more in the VRV chapter

Multi model application

Unique
In the
market *

- New design outlook for full range
- Seasonal efficiency values up to A+++ in cooling and heating thanks to its up-to-date technology and built-in intelligence
- Up to 5 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency



2MXM40-50A9 3MXM40A9

2MXM68A9 3MXM52-68A9
4MXM80A9 5MXM90A9

Connectable indoor units	Wall mounted																				Concealed ceiling						Floor standing			Round flow			Fully flat			Ceiling suspended			Concealed floor standing											
	FTXJ-AW/B/S9					CTXA-CW/S/B	FTXA-CW/S/B					CTXM-A	FTXM-A					FTXP-N9			FDXM-F9			FBA-A9			CVXM-B	FVXM-B			FCAG-B			FFA-A9			FHA-A9			FNA-A9										
	20	25	35	42	50		20	25	35	42	50		15	20	25	35	42	50	60	71	20	25	35	25	35	50		60	35	50	60	20	25	35	50	35	50	60	25	35	50	60	35	50	60	25	35	50	60	
2MXM40A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2MXM50A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2MXM68A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3MXM40A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3MXM52A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3MXM68A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM68A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXM80A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXM90A9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

It is not allowed to install 1 indoor unit connection.

Outdoor unit	Indoor unit	Energy label	
	CTXM-A/FTXM-A	Cooling	Heating
3MXM52A2V1B9	1.5+1.5+3.5		
	1.5+2.0+3.5		
	1.5+2.5+3.5		
	2.0+2.0+3.5		
	2.0+2.5+3.5		
	2.5+2.5+3.5		

Outdoor unit				2MXM40A9	2MXM50A9	2MXM68A9	3MXM40A9	3MXM52A9	3MXM68A9	4MXM68A9	4MXM80A9	5MXM90A9
Dimensions	Unit	HeightxWidthxDepth		mm	552x852x350			734x974x408				
Weight	Unit			kg	36	41	60.0	57	62.0	63.0	67.0	68.0
Sound power level	Cooling			dBA	60		61.0	59.0	61.0			64.0
	Heating			dBA	62		61	59	61			64
Sound pressure level	Cooling	Nom.		dBA	46	48		46	48			52
	Heating	Nom.		dBA	48	50	48	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				675.0							
	Charge			kg/TCO2Eq	0.88/0.60	1.15/0.78	2.00/1.35	1.80/1.22	2.00/1.35		2.40/1.62	
Piping connections	Liquid	OD		mm	6.4		6.35	6.4	6.35			
	Gas	OD		mm	9.5		9.50	9.5	9.50			
	Piping length	OU - IU	Max.	m	20 (1)		25 (1)					
		System	Chargeless	m	20		30					
	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						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-230-240			1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)			A	16	20	16	20			25	32

(1) For one room | See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases



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