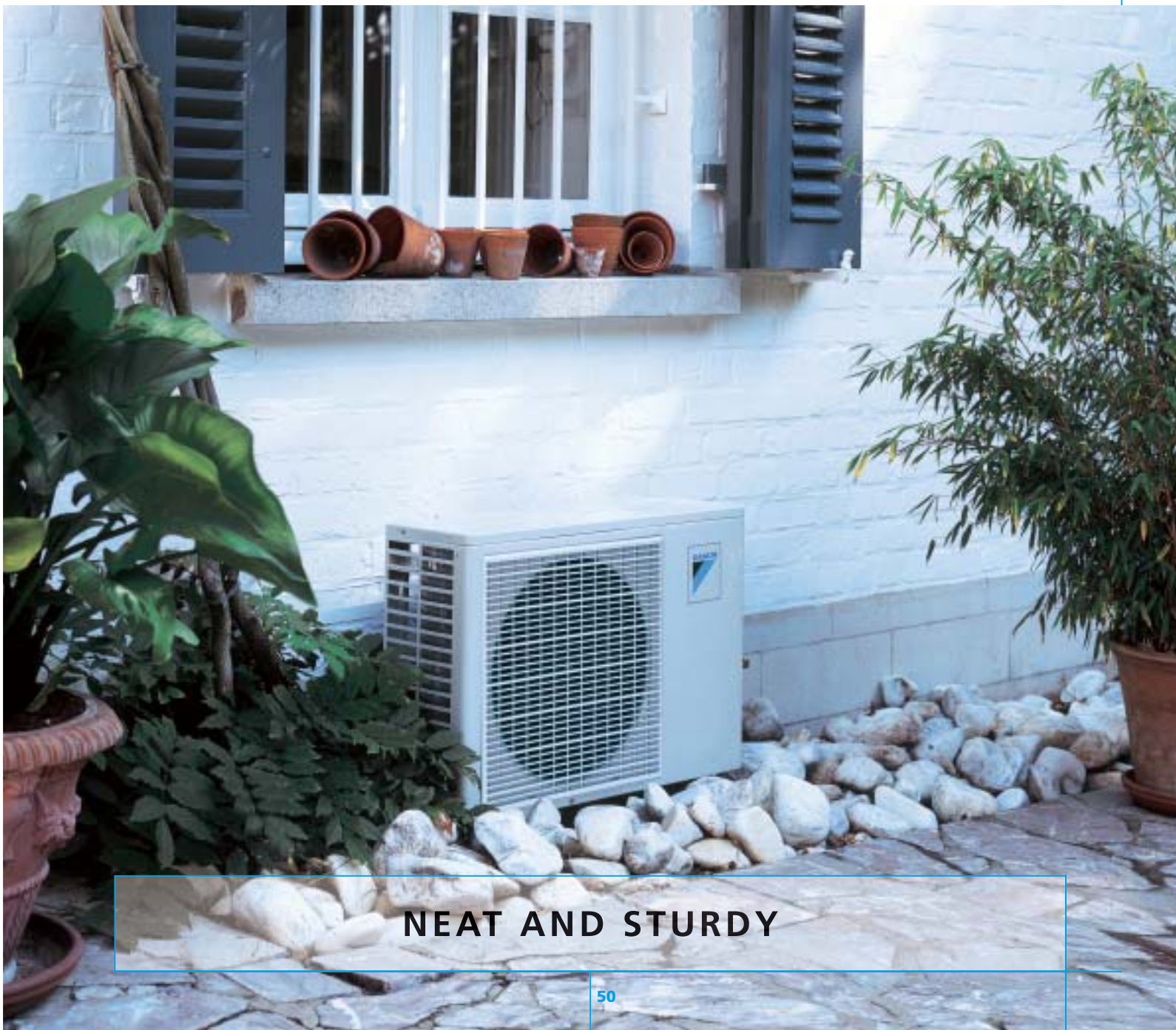


Outdoor *units*

Daikin outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall. They are fitted with either rotary or scroll compressor, renowned for low noise and high energy efficiency.

A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions. Daikin outdoor units are available in R-410A and R-407C models.



NEAT AND STURDY

Outdoor units with R-410A

RK/XS - RK/X



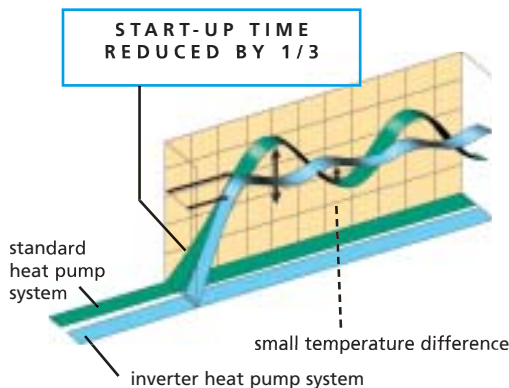
Pair application - inverter controlled



RK/X(S)25,35BVM



RK/XS50,60,71BVM



Inverter Control:

- The use of integrated inverter control ensures maximum comfort and efficiency
- Short start-up cycle
- 30 % less power consumption
- Whisper quiet



(RK/XS25,35)

CONNECTABLE INDOOR UNITS

	FTK/XS-B	FTK/X-B	FLK/XS-B	FVK/XS-B	FCQ-B	FFQ-B	FBQ-B	FHQ-B
RK/XS-B (DC inverter)	X	-	X	X	X	X	X	X
RK/X-B (AC inverter)	-	X	(25,35 class only)	-	-	-	-	-

Refrigerant: R-410A - Power supply: VM: 1~, 220~240V/220~230V, 50Hz/60Hz

DC-INVERTER							AC-INVERTER		
COOLING ONLY (air cooled)			RKS25BVM	RKS35BVM	RKS50BVM	RKS60BVM	RKS71BVM	RK25BVM	RK35BVM
Dimensions	HxWxD	mm	560x695x265		735x825x300			560x695x265	
Weight		kg	37	37	49	53	55	34	37
Sound pressure level	cooling (H/L)	dB(A)	46/43	47/44	47*	49*	52*	46*	47*
Sound power level	cooling (H)	dB(A)	59	60	63	64	66	59	60
Standard operation range	from ~ to	°CDB	-10 ~ 46					10 ~ 46	
HEAT PUMP (air cooled)			RXS25BVM	RXS35BVM	RXS50BVM	RXS60BVM	RXS71BVM	RX25BVM	RX35BVM
Dimensions	HxWxD	mm	560x695x265		735x825x300			560x695x265	
Weight		kg	37	37	49	53	55	34	37
Sound pressure level	cooling (H/L)	dB(A)	46/43	47/44	47	49	52	46*	47*
	heating (H/L)	dB(A)	47/44	48/45	48	49	52	47*	48*
Sound power level	cooling (H)	dB(A)	59	60	63	64	66	59	60
Standard operation range	cooling	from ~ to	-10 ~ 46					10 ~ 46	
	heating	from ~ to	-15 ~ 20					-10 ~ 20	

Outdoor units with R-410A

R(Y)S



Pair application - non inverter



R(Y)S20,25,35BVM



R(Y)S50,60BVM

CONNECTABLE INDOOR UNITS

	FT(Y)S-B	FLKS-B	FVKS-B	FCQ-B	FFQ-B	FBQ-B	FHQ-B
RS-B	x	50 class only	50 class only	50 + 60 class only	50 + 60 class only	50 + 60 class only	50 + 60 class only
RYS-B	x	-	-	-	-	-	-

Refrigerant: R-410A - Power supply: VM: 1~, 220~240V/220~230V, 50Hz/60Hz

COOLING ONLY			RS20BVM	RS25BVM	RS35BVM	RS50BVM	RS60BVM
Dimensions	HxWxD	mm	560x695x265			735x825x300	
Weight		kg	34			49	53
Sound pressure level	cooling (H/L)	dB(A)	47/*	47/*	47/*	47/*	49/*
Sound power level	cooling (H)	dB(A)	60	60	60	63	64
Standard operation range	from ~ to	°CDB	10 ~ 46				
HEAT PUMP			RYS20BVM	RYS25BVM	RYS35BVM	RYS50BVM	RYS60BVM
Dimensions	HxWxD	mm	560x685x265			735x825x300	
Weight		kg	34			49	53
Sound pressure level	cooling (H/L)	dB(A)	47/*	47/*	47/*	47/*	49/*
	heating (H/L)	dB(A)	48/*	48/*	48/*	48/*	49/*
Sound power level	cooling (H)	dB(A)	60	60	60	63	64
Standard operation range	cooling	from ~ to	10 ~ 46				
	heating	from ~ to	-10 ~ 20				

Outdoor units with R-407C

RZP

Sky air super inverter



RZP100/125DV1

The new Sky air super inverter is developed for use in shops, restaurants and small offices. The innovative Daikin units provide a more comfortable environment and offers up to 70% savings in energy consumption to shop and office owners

Main features :

- Energy saving unit
- Creating maximum comfort
- Extremely silent operation



MODEL RANGE

	OUTDOOR UNIT	INDOOR UNITS				
	RZP	FHYCP-B7V1	FHYBP-B7V1	FHYP-BV1	FUYB-BV17	FAYP-L/BV1
PAIR APPLICATION	RZP71DV1	71	71	71	71	71
	RZP100DV1	100	100	100	100	100
	RZP125DV1	125	125	125	125	-
TWIN APPLICATION	RZP100DV1	2x45	2x45	2x45	-	-
	RZP125DV1	2x60	2x60	2x60	-	-

Refrigerant: R-407C • Power supply: V1: 1~, 230V, 50Hz

HEAT PUMP

			RZP71DV1	RZP100DV1	RZP125DV1
Dimensions	HxWxD	mm	905x900x320	1,435x900x320	
Weight		kg	71	119	
Sound pressure level	cooling	dB(A)	48	50	51
	heating	dB(A)	50	52	53
Sound power level	cooling	dB(A)	63	65	
	heating	dB(A)	65	67	
Standard operation range	cooling	from ~ to	°CDB	-5 ~ 50	
	heating	from ~ to	°CWB	-15 ~ 16	

Outdoor units with R-407C

R(Y)P - RYEP



Pair application - non inverter



CONNECTABLE INDOOR UNITS

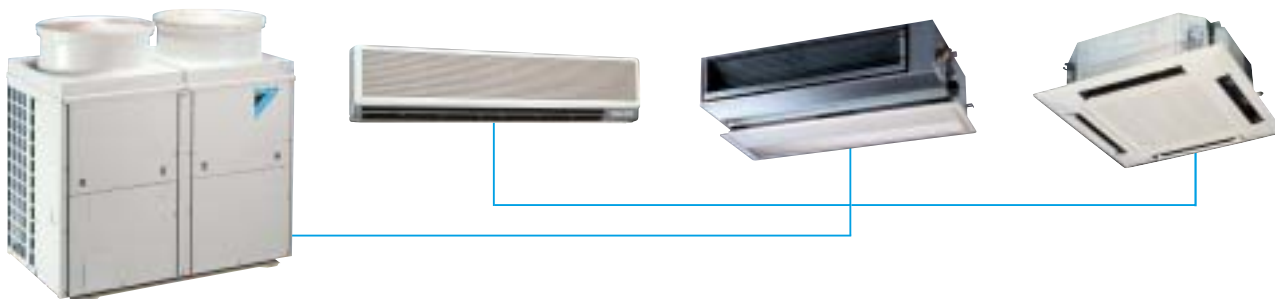
	FHYCP-B	FUYBP-B	FHYKP-B	FDYMP-L	FHYBP-B	FDYP-B	FHYP-B	FAYP-L/B
RP-L7/B7	X	X	X	X	X	X	X	X
RYP-L7/B7	X	X	X	X	X	X	X	X
RYEP-L7	X	X	X	X	X	X	X	X

Refrigerant: R-410A - Power supply: V1: 1~,230V, 50Hz / W1: 3N~, 400V, 50Hz / T1: 3~, 220V,50Hz

COOLING ONLY			RP71L7V1/W1	RP71B7T1	RP100L7V1/W1	RP100B7T1	RP125L7W1	RP125B7T1	RP200B7W1	RP250B7W1
Dimensions	HxWxD	mm	770x900x320	860x880x320	1,170x900x320	1,215x880x320	1,170x900x320	1,215x880x320	1,220x1,290x700	1,440x1,290x700
Weight		kg	79/78	85	100/99	98	104	100	194	206
Sound pressure level (H)		dB(A)	50		53				56	
Sound power level (H)		dB(A)	63		66		67		77	
Operation range		°CDB	-15 ~ 46						-5 ~ 46	
HEAT PUMP			RYP71L7V1/W1	RYP100L7V1/W1	RYP125L7W1	RYP200B7W1	RYP250B7W1			
Dimensions	HxWxD	mm	770x900x320	1,170x900x320		1,220x1,290x700		1,440x1,290x700		
Weight		kg	80/79	102/101	106	196	210			
Sound pressure level (H)	cooling	dB(A)	50	53		57				
	heating	dB(A)	52	55/56	56	57				
Sound power level (H)	cooling	dB(A)	63	66		77				
Operation range	cooling	°CDB	-5 ~ 46							
	heating	°CWB	-10 ~ 15							

Refrigerant: R-410A - Power supply: V1: 1~,230V, 50Hz / W1: 3N~, 400V, 50Hz / T1: 3~, 220V,50Hz

COOLING ONLY			RYEP71L7V1/W1	RYEP100L7V1/W1	RYEP125L7W1
Dimensions	HxWxD	mm	770x900x320	1170x900x320	
Weight		kg	75/73	93/91	106
Sound pressure level (H)	cooling	dB(A)	53	57	
	heating	dB(A)	55	59	
Sound power level (H)	cooling	dB(A)	64	70	
	heating	°CWB	-10 ~ 15		
Operation range	cooling	°CDB	+10 ~ 43		
	heating	°CWB	-10 ~ 15		



Twin, Triple and Double twin application for RZP, R(Y)P and RYEP outdoor units

It is possible to connect 2,3 or 4 indoor units to a single outdoor unit. The indoor units may be of different types (e.g. 4-way blow ceiling mounted cassette, wall mounted, ...) and even different capacities (e.g. 35 and 71 class).

For RZP outdoor units, it is possible to connect 2 different types of indoor units, with the same capacities.

All indoor units are operated together within the same mode (cooling or heating) from one remote control. This allows equal air distribution, even in larger, irregularly shaped rooms.

For specifications of outdoor units, see pages 54 (cooling only) and 53, 54 (heat pump).

The total capacities (outdoor base) for simultaneous operation are the same as for the pair applications.

Connectable indoor units:

RZP-D*: FHYCP45-60B7, FHYBP45-60B7, FHYP45-60B

R(Y)P-B7/L7, RYEP-L7: FHYCP35~125B7, FHYBP35~125B7, FHYP35~125B, FHYKP35~71B, FAYP71~100B, FUYP71~125B, FDYMP71~125B7, FDYP125B7

* For the RZP outdoor units, it is possible to connect 2 different types of indoor units, with the same capacities (see page 53).

POSSIBLE INDOOR APPLICATIONS								
SIMULTANEOUS OPERATION								
SYSTEM	TWIN		TRIPLE				DOUBLE TWIN	
SYSTEM LAY-OUT								
OUTDOOR UNIT	R(Y)P71 RYEP71 (KHRQ22M20T7)							
	RZP100 R(Y)P100 RYEP100 (KHRQ22M20T7)							
	RZP125 R(Y)P125 RYEP125 (KHRQ22M20T7)							
	R(Y)P200 (KHRQ22M64T7)							
	R(Y)P250 (KHRQ22M64T7)							

Note 1 : Between brackets the required refnet kits are mentioned necessary to install the combination.

Note 2 : The combinations marked with * are the combinations, which are possible for RZP outdoor units.

Outdoor units with R-410A

2,3,4MK(X)S



Multi model application - inverter controlled



2MK/XS40BVM



3MKS50/3MXS52BVM



4MKS58,75/4MXS68BVM



4MKS90/4MXS80BVM

UNIT TYPE	MULTI-COOLING ONLY	MULTI-HEATING ONLY
Wall mounted unit	FTXS25/35/50/60/71B	FTXS25/35/50/60/71B
Floor standing unit	FVXS25/35/50B	FVXS25/35/50B
Flexi type unit	FLXS25/35/50/60B	FLXS25/35/50/60B
Concealed ceiling unit	CDXS25/35/50/60B	CDXS25/35/50/60B
Concealed ceiling unit	F(D)BQ25/35/50/60B	F(D)BQ25/35/50/60B
4-way blow ceiling mounted cassette	FCQ35/50/60B	FCQ35/50/60B
4-way blow ceiling mounted cassette (60x60)	FFQ25/35/50/60B	FFQ25/35/50/60B
Ceiling suspended cassette	FHQ35/50/60B	FHQ35/50/60B

Refrigerant: R-410A • Power supply: VM: 1~, 220~240V/220~230V, 50Hz/60Hz

MULTI - COOLING ONLY

	2MKS40BVM	3MKS50BVM	4MKS58BVM	4MKS75BVM	4MKS90BVM
Max. nr. of indoor units	2	3	4	4	4
Max. capacity	4.20	6.46	6.60	9.47	9.40
Max. nominal input	1.49	2.18	2.22	3.52	3.35
Dimensions (HxWxD)	mm	640x685x285			735x936x300
Weight	kg	39	59	55	58
Sound pressure level	cooling (H/L)	dB(A)	47/43	46/*	48/*
Sound power level	cooling (H)	dB(A)	62	59	61
Standard operation range	cooling	from ~ to	°CDB	10 ~ 46	-10 ~ 46

Refrigerant: R-410A • Power supply: VM: 1~, 220~240V/220~230V, 50Hz/60Hz

MULTI - HEAT PUMP

	2MXS40BVM	3MXS52BVM	4MXS68BVM	4MXS80BVM
Max. nr. of indoor units	2	3	4	4
Max. capacity	cooling	4.20	6.50	8.67
	heating	4.70	7.34	10.64
Max. nominal input	cooling	1.49	2.42	3.47
	heating	1.42	2.44	3.07
Dimensions (HxWxD)	mm	640x685x285		
Weight	kg	39	55	59
Sound pressure level	cooling (H/L)	dB(A)	47/43	46/*
	heating (H/L)	dB(A)	48/44	47/*
Sound power level	cooling (H)	dB(A)	60	59
Standard operation range	cooling	from ~ to	°CDB	10 ~ 46
	heating	from ~ to	°CWB	-10 ~ 20

Outdoor unit with R-407C

RMX

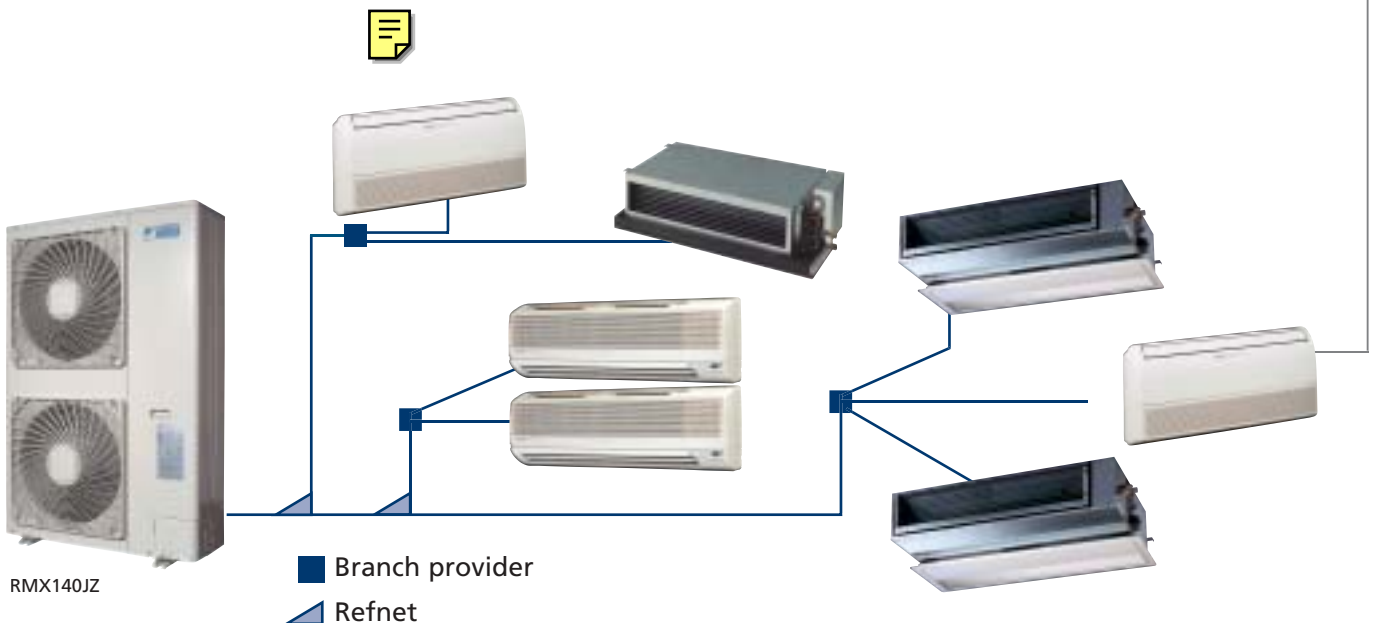


Super multi plus

It is possible to connect up to 7 indoor units to a single outdoor unit. The indoor units may be of different types and even different capacities. Both inverter and non-inverter units can be connected.

CONNECTABLE INDOOR UNITS

25 class	FTX25JAV1NB	FLX25HV1NB	CDX25JV1NB	-	-
35 class	FTX35JAV1NB	FLX35HV1NB	CDX35JV1NB	FHYB35FK7V1	FHYC35B7V1
45 class	-	-	-	FHYB45FK7V1	FHYC45B7V1
50 class	FTXD50JV1B	FLX50JV1B	CDX50JV1NB	-	-
60 class	FTXD60JV1B	FLX60JV1B	CDX60JV1NB	FHYB60FK7V1	FHYC60B7V1
71 class	FTXD71JV1B	-	-	FHYB71FK7V1	FHYC71B7V1

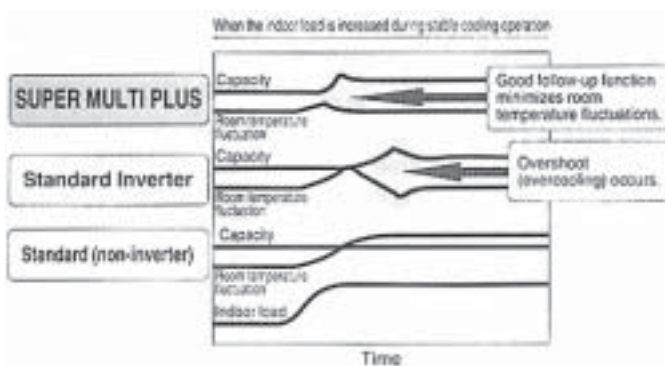


FEATURES

- Reduced indoor sound level compared to VRV systems, thanks to the use of a BP (Branch Provider), containing the expansion valves
- Less piping needed in comparison to a standard multi system, because of the use of the Branch Provider
- No need for power supply on the indoor unit side
- Chargeless piping up to 115 meters
- This new unit incorporates the advanced Daikin PAM inverter technology. The application of this unique facility, results in improved cooling and heating performance combined with lower energy consumption and minimum operating sound levels. Since air conditioning supply is regulated according to outside temperature, internal setpoint temperature and room size, power consumption is up to 30% less than that of similar non-inverter controlled versions.

MIO CONTROL (Multi Input and Output)

- leads to more comfort than using fuzzy logic
- Improving performance of system convergence and start -up
= Realizes greater comfort than that by fuzzy control =
- Comparison between conventional control and MIO control
Efficiency of control over discharge temperature and superheat degree upon switching fan air flow rates.



The expansion valve and compressor are separately controlled in a conventional inverter model, therefore when room temperature varies they often result in overshoot and require some time to stabilize temperature.

The MIO control is a very innovative method to simultaneously output multiple signals based on multiple pieces of input information. This allows the air conditioner to quickly respond to changes in the room temperature to create a comfortable ambience.

- MIO control ensures much higher stability of discharge temperature and superheat degree than conventional control methods.

BRANCH PROVIDER UNIT

Branch Provider Unit-BPMK = Unit for Variable Refrigerant Volume System =

- Features
 - Quiet Operation (reduced refrigerant running noise of indoor unit)
 - Brazed Piping
 - No need of drain disposal

RMX140JZ
For 2 rooms : BPMK928B42
For 3 rooms : BPMK928B43



Refrigerant: R-407C • Power supply: VM: 1~, 220~240V/220~230V, 50Hz/60Hz

HEAT PUMP				BP-UNIT		
RMX140JZVMB				BPMK928B42		BPMK928B43
Capacity	cooling	kW	14.50	Connectable indoor units		1~3
	heating	kW	16.50			
Power input	cooling	kW	5.00	Power input	kW	0.01
	heating	kW	6.05	Dimensions	mm	223x400x272
Weight		kg	13.50	Weight	kg	7
Dimensions	HxWxD	mm	1350x880x320			8
Sound pressure level (H)	cooling/heating	dB(A)	53/53			
Sound power level (H)		dB(A)	66			
Standard operation range	cooling	from ~ to	°CDB			
	heating	from ~ to	°CWB			

RP+EKRPER

Air cooled condensing unit for air handling applications

- EKRPER in combination with RP71~250 outdoor units can be connected to 3rd party manufactured air handling units
- Easy installation due to internal expansion valve
- Communication box suitable for indoor installation
- Easy linked communication with on/off and errors signals



For more detailed information about the RP outdoor units, please refer to page 54 of this catalogue.

Power supply: V1: 1~, 230V, 50Hz

				EKRPER (communication box)	
Dimensions	HxWxD	mm		357x240x78	
Weight		kg		2.5	
Temperature control				Field supply	
Power consumption		nom.	kW	0.15	
Wiring connections	To outdoor unit*	number of wires		4 wires (including earth)	
		max. lenght	m	50	
	To controller (field supply)	number of wires		6 wires	
		max. lenght	m	50	