DAIKIN

VRV® PORTFOLIO

OVERVIEW OUTDOOR UNIT RANGE

Capacity (HP)

System	Type	Product name	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
	Cooling capacity (kW)[1]		11.2	14.0	15.5	22.4	28.0	33.5	40.0	45.0	49.0	55.9	61.5	67.0	71.4	77.0	82.5	89.0	94.0	98.0	105.0	111.0	116.0	120.0	126.0	132.0	138.0	143.0	147.0
	Heating capacity (kW)[2]		12.5	16.0	18.0	25.0	31.5	37.5	45.0	50.0	56.5	62.5	69.0	75.0	81.5	88.0	94.0	102.0	107.0	113.0	119.0	126.0	132.0	138.0	145.0	151.0	158.0	163.0	170.0
Air cooled	Heat recovery	REYHQ-P High COP combination								■		■	■	■															
Air cooled	Heat recovery	REYQ-P8/P9 Small footprint combination				■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			
Air cooled	Heat pump	RXYHQ-P8 High COP combination						■		■	■	■	■	■	■	■	■	■	■	■									
Air cooled	Heat pump	RTSYQ-P Heat pump optimised for heating					■		■	■		■																	
Air cooled	Heat pump	RXYQ-P(A)/P8(A) Small footprint combination		■		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Air cooled	Heat pump	RXYQ-PR Heat pump with connection to stylish indoor units				■	■	■	■	■	■																		
Air cooled	Heat pump	RXYSQ-PAV VRV®III-S (Single phase)	■	■																									
Air cooled	Heat pump	RXYSQ-PAY VRVIII-S (Three phase)	■	■																									
	Cooling capacity (kW)[3]					22.4	26.7			44.8	49.1	53.4		67.2	71.5	75.8	80.1												
	Heating capacity (kW)[4]					25.0	31.5			50.0	56.5	63.0		75.0	81.5	88.0	94.5												
Water cooled	standard series H/R - H/P	RWEYQ-P				■	■			■	■	■		■	■	■	■												
Water cooled	GEOTHERMAL SERIES H/R - H/P	NEW››› RWEYQ-PR				■	■																						

1 Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, inlet water temperature : 30°C, equivalent refrigerant piping : 7.5m, level difference : 0m.
2 Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m.
3 Nominal cooling capacities are based on: indoor temperature : 27°CDB, 19°CWB, inlet water temperature : 30°C, equivalent refrigerant piping : 7.5m, level difference : 0m
4 Nominal heating capacities are based on: indoor temperature : 20°CDB, inlet water temperature : 20°C, equivalent refrigerant piping : 7.5m, level difference : 0m

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OVERVIEW INDOOR UNIT RANGE

VRV® air conditioning brings summer freshness and winter warmth to offices, hotels, department stores and many other commercial premises.
It enhances the indoor environment and creates a basis for increased business prosperity and whatever the air conditioning requirement,
a Daikin indoor unit will provide the answer. VRV® air conditioning can be supplied via **26 different indoor unit models in a total of 110 variations**.

Capacity

Type	Model	Product name	20	25	32	40	50	63	71	80	100	125	200	250
Cooling capacity (kW)[1]			2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	22.4	28.0
Heating capacity (kW)[2]			2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	25.0	31.5
Ceiling mounted cassette	Roundflow ceiling mounted cassette	FXFQ-P8	■	■	■	■	■	■		■	■	■		
Ceiling mounted cassette	4-way blow ceiling mounted cassette	FXZQ-M9	■	■	■	■	■							
Ceiling mounted cassette	2-way blow ceiling mounted cassette	FXCQ-M8	■	■	■	■	■	■		■		■		
Ceiling mounted cassette	Ceiling mounted corner cassette	FXKQ-MA		■	■	■		■						
Concealed ceiling	Small concealed ceiling unit	FXDQ-M9	■	■										
Concealed ceiling	Slim concealed ceiling unit	FXDQ-PB	■	■	■									
Concealed ceiling	NEW››› Slim concealed ceiling unit	FXDQ-NB				■	■	■						
Concealed ceiling	Inverter driven concealed ceiling unit	FXSQ-P	■	■	■	■	■	■		■	■	■		
Concealed ceiling	Inverter driven concealed ceiling unit	FXMQ-P				■	■	■		■	■	■		
Concealed ceiling	Large concealed ceiling unit	FXMQ-MA[3]											■	■
Wall mounted	Wall mounted unit	FXAQ-MV	■	■	■	■	■	■						
Ceiling suspended	Ceiling suspended unit	FXHQ-MA			■			■			■			
Ceiling suspended	4-way blow ceiling suspended unit	FXUQ-MA							■		■	■		
Floor standing	Floor standing unit	FXLQ-MA	■	■	■	■	■	■						
Floor standing	Concealed floor standing unit	FXNQ-MA	■	■	■	■	■	■						

1 Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m.
2 Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m
3 Not connectable to VRV®III-S (RXYSQ-PAV, RXYSQ-PAY)
4 The indoor units in the table above are not connectable to RXYQ-PR

STYLISH INDOOR UNITS FOR CONNECTION TO VRV® HEAT PUMP[1]

Capacity

Type	Model	Product name	20	25	35	42	50	60	71
Ceiling mounted cassette	Roundflow ceiling mounted cassette	FCQ-C			■		■	■	
Ceiling mounted cassette	4-way blow ceiling mounted cassette	FFQ-B		■	■		■	■	
Concealed ceiling	Small concealed ceiling unit	FDBQ-B		■					
Concealed ceiling	Slim concealed ceiling unit	FDXS-E/C		■	■		■	■	
Concealed ceiling	Inverter driven concealed ceiling unit	FBQ-C			■		■	■	
Wall mounted	Wall mounted unit	FTXG-E CTXG-E		■	■		■		
Wall mounted	Wall mounted unit	FTXS-G	■	■	■	■	■		
Wall mounted	Wall mounted unit	FTXS-F						■	■
Ceiling suspended	Ceiling suspended unit	FHQ-B			■		■	■	
Ceiling suspended	Flexi type unit	FLXS-B		■	■		■	■	
Floor standing	Floor standing unit	FVXS-F		■	■		■		

1 The indoor units in the table above are only connectable to RXYQ-PR

OVERVIEW VENTILATION RANGE

Air flow rate (m³/h)

Type	name	Components of indoor air quality	0	200	400	600	800	1,000	1,500	2,000	5,000	10,000	15,000
Heat Reclaim Ventilation[1]	VAM-FA	1 Ventilation	■	■	■	■	■	■	■				
Heat Reclaim Ventilation[1]	VKM-GM	1 Ventilation, 2 Humidification, 3 Air processing			■	■	■						
Heat Reclaim Ventilation[1]	VKM-G	1 Ventilation, 3 Air processing			■	■	■						
OUTDOOR AIR PROCESSING UNIT[2]	FXMQ-MF	1 Ventilation, 3 Air processing						■	■	■			
VRV® AIR HANDLING APPLICATIONS[3]	VRV® heat pump + EXV-kit	1 Ventilation, 3 Air processing									■	■	

1 VKM-GM and VKM-G are not connectable to RXYQ-PR
2 Not connectable to RXYQ-PR and VRV®III-S (RXYSQ-PAV, RXYSQ-PAY)
3 Connectable to all VRV® III heat pump outdoor units
4 Air processing refers to active cooling or heating of fresh air
5 The ventilation range is not connectable to RXYQ-PR

OVERVIEW CONTROL SYSTEMS

	Control				Monitoring									Options				Other control functions								
	Basic control functions: ON/OFF, temp. Setting, air flow settings	Automatic changeover	Weekly schedule control	Fire emergency stop control	Basic monitoring functions: ON/OFF status, operation mode, set point temp.	Indication filter replacement	Malfunction code	Password security	Touch screen	Daily/monthly/yearly reports	Communication via gsm	Graphical report	Visualisation	Ppd	Web acces & control	Http option	Eco mode	Pre cooling / heating	0°Δ Between cooling & heating	Power limit control	Sliding t° avoids overcooling via sensor	Free cooling changeover	ACNSS connection air conditioning network service system	Scheduling presets (programs)	User friendliness	Max. Indoors groups
BRC1E51A	■		■		■	■							+												++	1
BRC1D52	■		■		■	■							+												+	1
dS-net	■	■		■	■	■	■				■		+												+	4x10
Intelligent touch controller	■	■	■	■	■	■	■	■	■				++	■	■	■						■	■	8	+++	2x64
Intelligent Manager	■	■	■	■	■	■	■	■		■		■	+++	■	■		■	■	■	■	■		■	128	+++	1024
DMS-IF[1]	■	■		■	■	■	■																			64
BACnet[2]	■	■		■	■	■	■							■												4x64

1 Interface for user in Lonworks
2 Interface for user in BACnet

DID YOU KNOW

that ...

The VRV® Pro selection programme is a true VRV® design tool. The programme enables VRV® air conditioning systems to be engineered in a precise and economical way, taking into account the complex piping rules. Moreover, it ensures optimum operating cycles and maximum energy efficiency.

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