

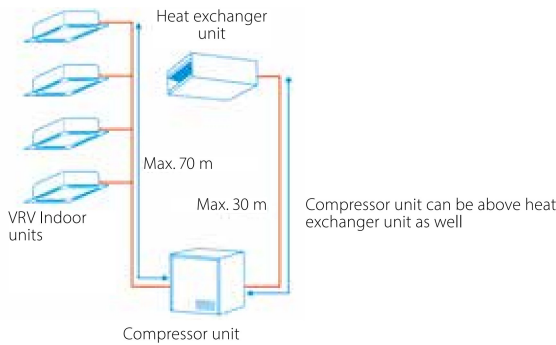
# VRV IV heat pump for indoor installation

## The invisible VRV

> Unique VRV heat pump for indoor installation



> Unrivalled flexibility because the unit is split up into two elements: the heat exchanger and the compressor



- > Highly suited to densely populated areas thanks to the low operation sound and seamless integration into surrounding architecture as only the grille is visible
- > Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator and full inverter compressors



- > Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- > Lightweight units (max. 105kg) can be installed by two people
- > Unique V-shape heat exchanger results in compact dimensions (h/e unit only 400mm high) allowing false ceiling installation, while ensuring top efficiency
- > Super efficient centrifugal fans (over 50% efficiency increase compared to sirocco fan)
- > Small footprint compressor unit (760 x 554 mm) maximizing useable floor space
- > Contains all standard VRV features



Already fully compliant to LOT 21 - Tier 2

Published data with real-life indoor units

Access all technical information on SB-RKXYQ-T at [my.daikin.eu](http://my.daikin.eu) or click here

Access all technical information on SB-RKXYQ-T(8) at [my.daikin.eu](http://my.daikin.eu) or click here

System				SB.RKXYQ	5T8	8T	
System	Heat exchanger unit				RDXYQ5T8	RDXYQ8T	
	Compressor unit				RKXYQ5T8	RKXYQ8T	
Capacity range			HP		5	8	
Cooling capacity	Prated,c		kW		14.0	22.4	
Heating capacity	Prated,h		kW		10.4	12.9	
	Max.	6°CWB	kW		16.0	25.0	
Recommended combination					4 x FXSQ32A2VEB	4 x FXMQ50P7VEB	
ηs,c			%		200.1	191.1	
ηs,h			%		149.3	140.9	
SEER					5.1	4.9	
SCOP					3.8	3.6	
Maximum number of connectable indoor units					10	17	
Indoor index connection	Min.				62.5	100.0	
	Nom.					-	
	Max.				162.5	260.0	
Piping connections	Liquid	OD	mm			-	
	Gas	OD	mm			-	
	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD	mm		12.7	
		Gas	OD	mm		19.1	22.2
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD	mm			9.52
		Gas	OD	mm		15.9	19.1
Total piping length	System	Actual	m		140	300	

Outdoor unit module				Heat exchanger module - RDXYQ		Compressor module - RKXYQ	
				5T8	8T	5T8	8T
Dimensions	Unit	HeightxWidthxDepth	mm	397x1,456x1,044		701x600x554	
Weight	Unit		kg	95	103	79	105
Fan	Air flow rate	Cooling	Nom.	55		100	
Sound power level	Cooling	Nom.	dBA	77.0	81	60.0	64
	Sound pressure level	Cooling	Nom.	dBA	47.0	54	47.0
Refrigerant	Type/GWP			R-410A/-		R-410A/2,087.5	
	Charge		kg/TCO2Eq	-/-		2.00/4.20	4.00/8.35
Power supply	Phase/Frequency/Voltage		Hz/V	1N~/50/220-240		3N~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)		A	10		16	20

(1) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being: 50% ≤ CR ≤ 130%).