

# VRV IV S-series

Space saving solution without compromising on efficiency

In 2015 our successful mini VRV range gets a thorough update to make it even better suited for residential and light commercial applications where space is limited and performance expectations are high.

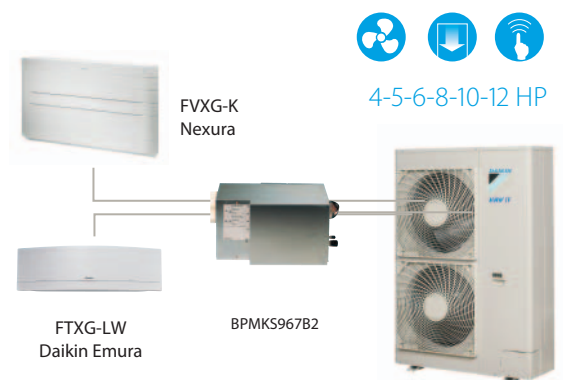
**VRV IV**  
S-series



## VRV IV S-series

(expected 2nd half 2015)

- › Incorporates VRV IV standards such as Variable Refrigerant Temperature
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air curtains
- › Connect either VRV or stylish indoors (Daikin Emura, Nexura, ...)
- › Extended range with 8, 10 and 12 HP unit for bigger applications with space limitations (expected end of 2015)



## VRV IV S-series compact

(expected 1st half 2015)

- › Smaller single fan casing ideally for residential applications or small residential application in city centres
- › Incorporates all main VRV IV S-series features



## VRV III-S heat pump

Space saving solution without compromising on efficiency

- › For residential and light commercial applications
- › Space saving design for flexible installation
- › Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- › Energy efficient heating system based on air source heat pump technology, lowering energy bills and CO2 emissions
- › Connect up to 9 indoor units, which can all be individually controlled
- › Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended, round flow or 4-way blow cassettes
- › 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- › Simplified installation & guaranteed optimal efficiency with automatic charging & testing
- › The ability to control each conditioned zone individually keeps VRV system running costs to an absolute minimum
- › Spread your installation cost by phased installation
- › Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand



CONNECTABLE INDOOR UNITS	Wall mounted												Floor standing						Flexi type				Round flow cassette				Fully flat cassette				Concealed ceiling								Ceiling suspended									
	FTXG-L				CTXS-K				FTXS-K				FTXS-G				FVXG-K				FVXS-F				FLXS-B(9)				FCQG-F				FFQ-C				FDXS-F(9)				FDBQ-B /FBQ-D				FHQ-C			
	20	25	35	50	15	35	20	25	35	42	50	60	71	25	35	50	25	35	50	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	25	35	50	60	25	35	50	60	35	50	60			
RXYSQ-P8V1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Outdoor unit				RXYSQ	4P8V1	5P8V1	6P8V1
Capacity range				HP	4	5	6
Cooling capacity	Nom.			kW	12.6	14.0	15.5
Heating capacity	Nom.			kW	14.2	16.0	18.0
Power input - 50Hz	Cooling	Nom.		kW	3.24	3.51	4.53
	Heating	Nom.		kW	3.12	3.86	4.57
EER					3.89	3.99	3.42
COP					4.55	4.15	3.94
Maximum number of connectable indoor units					8 (1) / 8 (2)	10 (1) / 9 (2)	12 (1) / 9 (2)
Indoor index connection	Min.				50	62.5	70
	Nom.					-	
	Max.				130	162.5	182
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320		
Weight	Unit			kg	120		
Fan	Air flow rate	Cooling	Nom.	m³/min	106		
Sound power level	Cooling	Nom.		dBA	66	67	69
Sound pressure level	Cooling	Nom.		dBA	50	51	53
	Heating	Nom.		dBA	52	53	55
Operation range	Cooling	Min.~Max.		°CDB	-5~46		
	Heating	Min.~Max.		°CWB	-20~15.5		
Refrigerant	Type/Charge/GWP			kg	R-410A / 4.0 / 2,087.5		
	Charge			TCO₂Eq	8.4		
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	15.9 (1) / 19.1 (2)	15.9 (1) / 19.1 (2)	19.1
	Total piping length	System	Actual	m	300 (1) / 115 (2)	300 (1) / 135 (2)	300 (1) / 145 (2)
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	32.0		

(1) In case VRV indoor units are connected (2) In case RA indoors are connected

Branch provider			BPMKS967B2	BPMKS967B3
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8