VRV IV heat pump for indoor installation

SB.RKXYQ-T

Keep looking you'll never find me

You can install highly efficient, reliable Daikin air conditioning systems in the most demanding locations while remaining invisible from street level.

Invisible

- Completely invisible only the grilles are visible
- Seamless integration into surrounding architecture
- Highly suited to densely populated areas thanks to the low operation sound

Intuitive

- Total flexibility as the outdoor unit is split up in 2 parts
- Easy and quick to transport and install by just 2 persons
- Easy servicability, all components can be easily reached

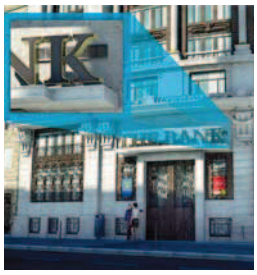
Intelligent

- Patented V-shape heat exchanger for the most compact unit (400 mm high) ever
- Connectable to all VRV indoor units
- Provides a total solution when combined with ventilation units, Biddle air curtains and controls

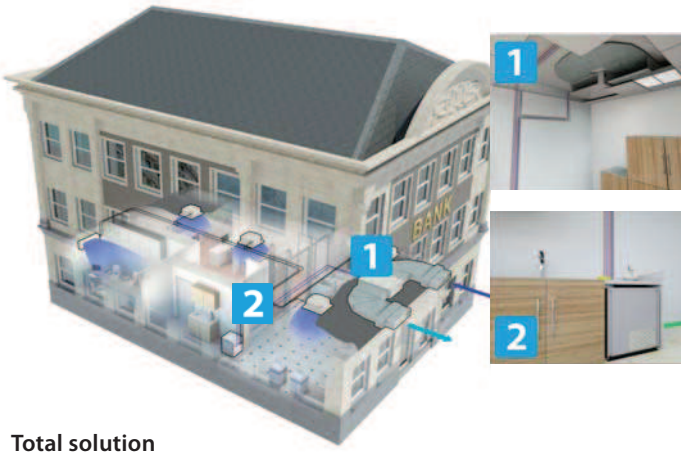
Unique concept with 5 patents

Variable Refrigerant Temperature

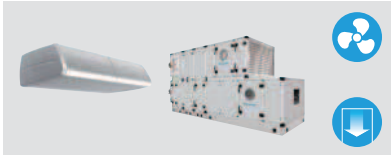
Invisible



Unique split outdoor unit



Total solution

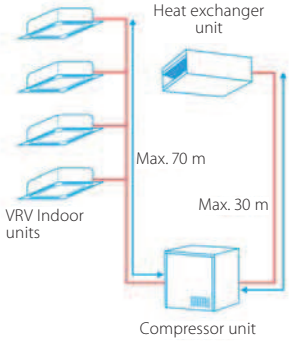


VRV IV heat pump for indoor installation

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


SB.RKXYQ5T

› Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, VRV configurator and full inverter compressors
› Lightweight units (max. 97kg) 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 (600 x 550 mm) maximizing useable floor space
› Contains all standard VRV features

Outdoor system					SB.RKXYQ	5T
System	Compressor unit					RKXYQ5T
	Heat exchanger unit					RDXYQ5T
Capacity range					HP	5
Cooling capacity	Nom.	35°CDB			kW	14.0
Heating capacity	Nom.	6°CWB			kW	14.0
	Max.	6°CWB			kW	16.0
Power input - 50Hz	Cooling	Nom.	35°CDB		kW	4.38
	Heating	Nom.	6°CWB		kW	3.68
		Max.	6°CWB		kW	4.71
EER	at nom. capacity		35°CDB		kW/kW	3.20
COP	at nom. capacity		6°CWB		kW/kW	3.80
	at max. capacity		6°CWB		kW/kW	3.40
Maximum number of connectable indoor units						10 (1)
Indoor index connection	Min.					62.5
	Nom.					-
	Max.					162.5
Fan	External static pressure	Max.			Pa	150
		Nom.			Pa	60
Operation range	Cooling	Min.~Max.			°CDB	-5~46
	Heating	Min.~Max.			°CWB	-20~15.5
	Temperature around casing	Min.			°CDB	5
		Max.			°CDB	35
Piping connections	Between Compressor module (CM) and heat exchanger module (HM)	Liquid	OD		mm	12.7
		Gas	OD		mm	19.1
	Between Compressor module (CM) and indoor units (IU)	Liquid	OD		mm	9.5
		Gas	OD		mm	15.9
	Total piping length	System	Actual		m	140

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

Outdoor unit module					RKXYQ5T - compressor module	RDXYQ5T - heat exchanger module
Dimensions	Unit	Height/Width/Depth		mm	701/600/554	397/1,456/1,044
Weight	Unit			kg	77	97
Fan	Type				-	Centrifugal
	Air flow rate	Cooling	Nom.	m^3/min	-	55
	Discharge direction				-	Discharge duct
Sound power level	Cooling	Nom.		dBA	-	-
Sound pressure level	Cooling	Nom.		dBA	47	47
Refrigerant	Type				R-410A	R-410A
	Charge			kg	2	-
				TCO_2eq	4.2	-
	GWP				2,087.5	-
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415	1N~/50/220-240
Current - 50Hz	Maximum fuse amps (MFA)			A	16	10