



FXDQ-A

Applications from hotels to retail to offices

The slim concealed unit has a very wide range of capacities to suit an array of applications from hotels to retail to offices.

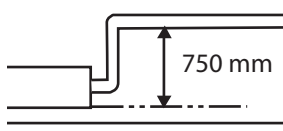
The Daikin VRV indoor unit range is one of the widest on the market, offering no less than 26 stylish and elegant models in 116 different variants – all designed to maximise comfort, minimise operating noise and simplify installation and servicing.

Designed to fit rooms of any size and shape, Daikin indoor units are also user friendly, ultra reliable, easy to control and quiet in operation.

All indoors units comply with the Ecodesign legislation by adopting DC fans in all indoor units, improving their energy efficiency.

Features and benefits:

- > Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- > Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- > 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms and small offices
- > Low energy consumption thanks to DC inverter fans
- > Medium external static pressure means units can be used with flexible ducts of varying lengths
- > Standard drain pump with 750mm lift



FXDQ15-32A



BRC1E52A/B



BRC4C65

FXDQ-A

Indoor unit				FXDQ15A	FXDQ20A	FXDQ25A	FXDQ32A	FXDQ40A	FXDQ50A	FXDQ63A	
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1	
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0	
Power input - 50Hz	Cooling	Nom.	kW	0.071				0.078	0.099	0.110	
	Heating	Nom.	kW	0.068				0.075	0.096	0.107	
Casing Colour				Galvanised steel / Non painted							
Dimensions	Unit	H x W x D	mm	200x750x620				200x950x620		200x1,150x620	
Required ceiling void >			mm	240							
Weight	Unit		kg	22				26		29	
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m³/min	7.5/7.0/6.4	8.0/7.2/6.4			10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0	
Fan-External static pressure - 50Hz	High/Nom.		Pa	30/10				44/15			
Sound power level	Cooling	Nom.	dBA	50	51			52	53	54	
Sound pressure level	Cooling	High/Nom./Low	dBA	32/31/27	33/31/27			34/32/28	35/33/29	36/34/30	
Refrigerant	Type			R-410A							
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP20 (I.D. 20/O.D. 26)						9.52/15.9/VP20 (I.D. 20/O.D. 26)	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/ 220-240							
Current - 50Hz	Maximum fuse amps (MFA)		A	16							

Options & accessories

Adapters and controls	FXDQ 15~63A
BRC1E52A/B Premium wired remote control with full text interface and back light	•
BRC1D52 Standard wired remote control with weekly timer	•*4
Infrared remote control including receiver	BRC4C65
BRC2E52A Simplified wired remote control for heat recovery	•
BRC3E52A Simplified wired remote control for heat pump	•
DCS302C51 Central remote control	•
DCS301B51 Unified ON/OFF control	•
DST301B51 Schedule timer	•
DCM601A51 Intelligent Touch Manager	•
External wired temperature sensor	KRCS01-4B
External wireless temperature sensor	K.RSS
Adaptor for wiring (interlock for fresh air intake fan)	-
Wiring adapter for external monitoring/control via dry contacts and setpoint control via 0-140 Ω	KRP4A54
Wiring adapter for external central monitoring / control (controls 1 entire system)	KRP2A53
Wiring adapter with 4 output signals (compressor / Error, Fan, Aux. heater, Humidifier output)	KRP1B56
Wiring adapter with 2 output signals (compressor / Error, Fan)	-
Adapter for multi-tenant (24VAC PCB power interface)	DTA114A61
External control adapter for outdoor unit	DTA10A53
Installation box / Mounting plate for adapter PCBs (For units where there is no space in the switchboard)	KRP1B101
Connector for forced-off contact	-
Connection to centralised control	-
Electrical box with earth terminal (2 blocks)	KJB212A
Electrical box with earth terminal (3 blocks)	KJB311A
Electrical box with earth terminal	-
Digital input adapter	-

Other options	FXDQ 15~63A
Decoration panel (obligatory for cassette units, optional for others, rear panel for FXLQ)	-
Kit for mounting of decoration panel direct onto unit	-
Panel spacer for reducing required installation height	-
Sealing kit for 3-directional or 2 directional air discharge	-
Fresh air intake kit	-
Air discharge adapter for round duct	-
Filter chamber for bottom suction	-
Replacement long life filter	-
Drain pump kit	standard
Sensor kit	-
Noise filter (for electromagnetic use only)	KEK26-1A

*4 Not recommended because of the limitation of the functions

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INDOOR UNIT				FDXS25F	FDXS35F	FDXS50F	FDXS60F
Dimensions	Unit	HeightxWidthxDepth	mm	200x750x620		200x950x620	200x1,150x620
Weight	Unit		kg	21		27	30
Fan - Air flow rate	Cooling	High/Nom./Low	m ³ /min	8.7/8.7/7.3		12.0/12.0/10.0	16.0/16.0/13.5
	Heating	High/Nom./Low	m ³ /min	8.7/8.0/7.3		12.0/11.0/10.0	16.0/14.8/13.5
Fan - External static pressure	Nom.		Pa	30		40	40
Sound power level	Cooling	High	dBA	53		55	56
	Heating	High	dBA	53		55	56
Sound pressure level	Cooling	High/Nom./Low	dBA	35/33/27		37/35/29	38/36/30
	Heating	High/Nom./Low	dBA	35/33/27		37/35/29	38/36/30
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.5		12.7	
	Drain	OD	mm	-			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230		1~ / 50 / 220-240	



OUTDOOR UNIT					2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Indoor units (*)					FTXS20K, FTXS20K	FTXS25K, FTXS25K	FTXS20K, FTXS20K	CTXS15K, CTXS15K, FTXS20K	CTXS15K, FTXS20K, FTXS35K	CTXS15K, CTXS15K, FTXS20K, FTXS20K	CTXS15K, CTXS15K, CTXS15K, FTXS35K	CTXS15K, CTXS15K, FTXS20K, FTXS20K
Cooling mode	SEER				6.61	6.61	6.9	7.15	5.34	5.68	6.16	6.42
	Energy efficiency class				A++	A++	A++	A++	A	A+	A++	A++
	Annual energy consumption kWh/a				212	265	203	245	446	420	416	424
	Design load PDesign kW				4.0	5.0	4.0	5.0	6.8	6.8	7.4	7.8
Heating mode	SCOP				4.12	4.00	4.05	4.31	4.00	4.15	4.00	4.19
	Energy efficiency class				A+	A+	A+	A+	A+	A+	A+	A+
	Annual electricity consumption kWh/a				1029	1466	1641	1605	1868	1953	2194	2161
	Design load PDesign at -10°C kW				3.1	4.2	4.8	5.0	5.4	5.8	6.3	6.5
	Declared heating capacity at -10°C				2.5	3.4	3.9	4.0	4.4	4.7	5.1	5.3
	Back up heating capacity				0.6	0.8	0.9	1.0	1.0	1.1	1.2	1.2
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x936x300	735x936x300	735x936x300	735x936x300	770x900x320	
Weight	Unit			kg	38	42	49	49	58	58	72	73
Fan - Air flow rate	Cooling	High/Nom./Low		m³/min	36/33/30	37/34/34	45/45/41	45/45/45	52.7/49.4/43.5		54.5/-/46.0	57.1/54.5/46.0
	Heating	High/Nom./Low		m³/min	32/32/32	34/34/34	45/-/41	45/-/41	46.4/44.5/16.3		46.0/-/14.7	52.5/-/14.7
Compressor	Type				Hermetically sealed swing compressor							
Sound power level	Cooling	Nom.		dB(A)	62	63	59	61		62	66	
Sound pressure level	Cooling	Nom.		dB(A)	47	48	46	48		52		
	Heating	Nom.		dB(A)	48	50	47	49		52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46							
	Heating	Ambient	Min.~Max.	°CWB	-15~18							
Refrigerant	Type				R-410A							
	GWP				1,975							
Piping connections	Liquid	OD		mm	6.35							
	Gas	OD		mm	9.5		9.5	9.52				
	Drain	OD		mm	16 (inner diameter of connecting hose)							25
	Gas 2	OD		mm	-	12.7	-	12.7				
	Piping length	OU - IU	Max.	m	20		25	-	25			
	Level difference	IU - OU	Max.	m	15		15					
		IU - IU	Max.	m	7.5		7.5					
	Total piping length	System	Actual	m	30		50		60	70	75	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		1~ / 50 / 230					