

FDXS SERIES

HEAT PUMP



INVERTER

SUITABLE FOR TIGHT CEILING SPACES

R-410A



SLIM PROFILE



QUIET
OPERATION

FDXS25~60C (HEAT PUMP)	2.4 KW ~ 6.0 KW	COOLING
	3.2 KW ~ 7.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRED LCD REMOTE CONTROLLER

Standard

BRC944B2

Note: 3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary.



WIRELESS LCD REMOTE CONTROLLER

Option

ARC433B69

A signal receiver must be added to the indoor unit.



Signal receiver unit
(Separate type)

A signal receiver must be added to the indoor unit.



FEATURES

	FDXS-CVMA	Heat Pump
Comfort	Switchable fan speed	•
	Programme 'Dry'	•
	Hot start	•
Work & Servicing	Pre charged for up to 10 m	•
	Self-diagnosis function	•
Control features	Auto-restart	•
	Auto-cooling/heating change-over	•
Others	PE fin	•

COMFORT

• QUIET OPERATION

Indoor unit quiet operation provides a low sound level of 29 dB(A) and outdoor unit quiet operation provides a low sound level of 44 dB(A) for FDXS25C.

• DISTRIBUTES AIR EVENLY THROUGHOUT THE ROOM

The only visible signs of these unobtrusive units are their discharge grilles. They fit completely inside the ceiling to maintain the original décor of a room. Each unit comes with its own wireless remote controller.

WORK & SERVICING

• SLIM PROFILE

The new series adds a 2.5 kW model. All units share the same low height of just 200 mm. This means it is now possible to install a unit inside a shallow ceiling cavity with a height of just 240 mm.

CEILING MOUNTED SLIM DUCT TYPE (Heat Pump)



R-410A

			25	35	50	60	
Model Name		Indoor unit	FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA	
		Outdoor unit	RXS25EBVMA	RXS35EBVMA	RXS50FVMA	RXS60FVMA	
Power supply			1 Phase, 220-240 V, 50 Hz				
Cooling capacity ¹		kW	2.4	3.4	5	6	
Rated (Min. - Max.)			(1.2-3.0)	(1.2-3.8)	(1.7-5.3)	(1.7-6.5)	
Heating capacity ²		kW	3.2	4	5.8	7	
Rated (Min. - Max.)			(1.2-4.5)	(1.2-5.0)	(1.7-6.0)	(1.7-8.0)	
Power consumption	Cooling ¹	kW	0.69 (0.3-0.92)	1.09 (0.3-1.27)	1.65 (0.44-1.93)	2.13 (0.44-2.49)	
	Heating ²	kW	0.91 (0.29-1.49)	1.18 (0.29-1.79)	1.92 (0.4-2.04)	2.32 (0.4-3.18)	
Indoor unit	Airflow rate (H/L)		l/s	158/133	167/142	200/167	
			m ³ /min	9.5/8	10/8.5	12-Oct	
	Fan		External static pressure		Pa(mm-H2O)		40
	Sound level (H/L) ³		dB(A)		35/31	37/33	38/34
	Dimensions (H×W×D)		mm		200X900X620		200X1,100X620
	Machine weight		kg		25	27	30
	Certified Cooling		CWB		14 to 28		
	Operation range Heating		CDB		10 to 30		
	Outdoor unit	Colour		Ivory white			
Compressor		Type	Hermetically sealed swing type				
		Motor output	kW	0.6		1.1	
Refrigerant charge (R-410A)		kg		1.0 (Charged for 10 m)	1.5 (Charged for 10 m)		
Sound level		dB(A)		46/47	47/48	49/49	
		61/62		62/63	61/62	63/63	
Sound power		dB(A)					
Cooling/ Heating ³							
Dimensions (H×W×D)		mm		550X765X285	735X825X300	735X825X300	
Machine weight		kg		34	48		
Certified		CDB		10 to 46			
Operation range		CWB		-10 to 20		-15 to 18	
Liquid (Flare)		mm		Ø6.4			
Piping connections	Gas (Flare)		mm		Ø9.5	Ø12.7	
			mm		VP20 (I.D.Ø20XO.DØ26)		
	Drain	Indoor unit	mm				
		Outdoor unit	mm				
Max. interunit piping length		m	20		30		
Max. installation level difference		m	15		20		
Heat insulation			Both liquid and gas piping				

Note: 1 Rated cooling capacities are based on the following conditions: Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping: 7.5 m (horizontal).
2 Rated heating capacities are based on the following conditions: Suction temp., 20°CDB; outdoor temp. 7°CDB, 6°CWB. Equiv. refrigeration piping: 5 m (horizontal).
3 Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.
4 Numerical values are according to ISO 3741:1999

CEILING MOUNTED SLIM DUCT TYPE



		Kit name			
		Heat Pump			
		FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA
Wired remote controller ¹		BRC944B2			
Wired remote controller code	Length ³ m (shielded wire)	BRCW901A03			
	Length ⁸ m (shielded wire)	BRCW901A08			
5-room centralised controller ²		KRC72			
Adaptor PCB (normal open/normal open pulse contact) ³		KRP413A1S			
The remote controller loss prevention with the chain		KKF917A4			
Interface adaptor for DIII-NET use		KRP928B2S			
Central remote controller ⁴		DCS302CA61			
Uni ed ON/OFF controller ⁴		DCS301BA61			
Schedule timer ⁴		DST301BA61			
Intelligent Touch Controller ⁴		DCS601C51			
Suction grille		KDGf19A45			
Insulation kit for high humidity		KDT25N50			KDT25N63

Note: ¹3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary .
 required for each indoor unit.

²Adaptor PCB is also

³Time clock and other devices ; obtained locally.

⁴This optional accessory requires KRP928B2S