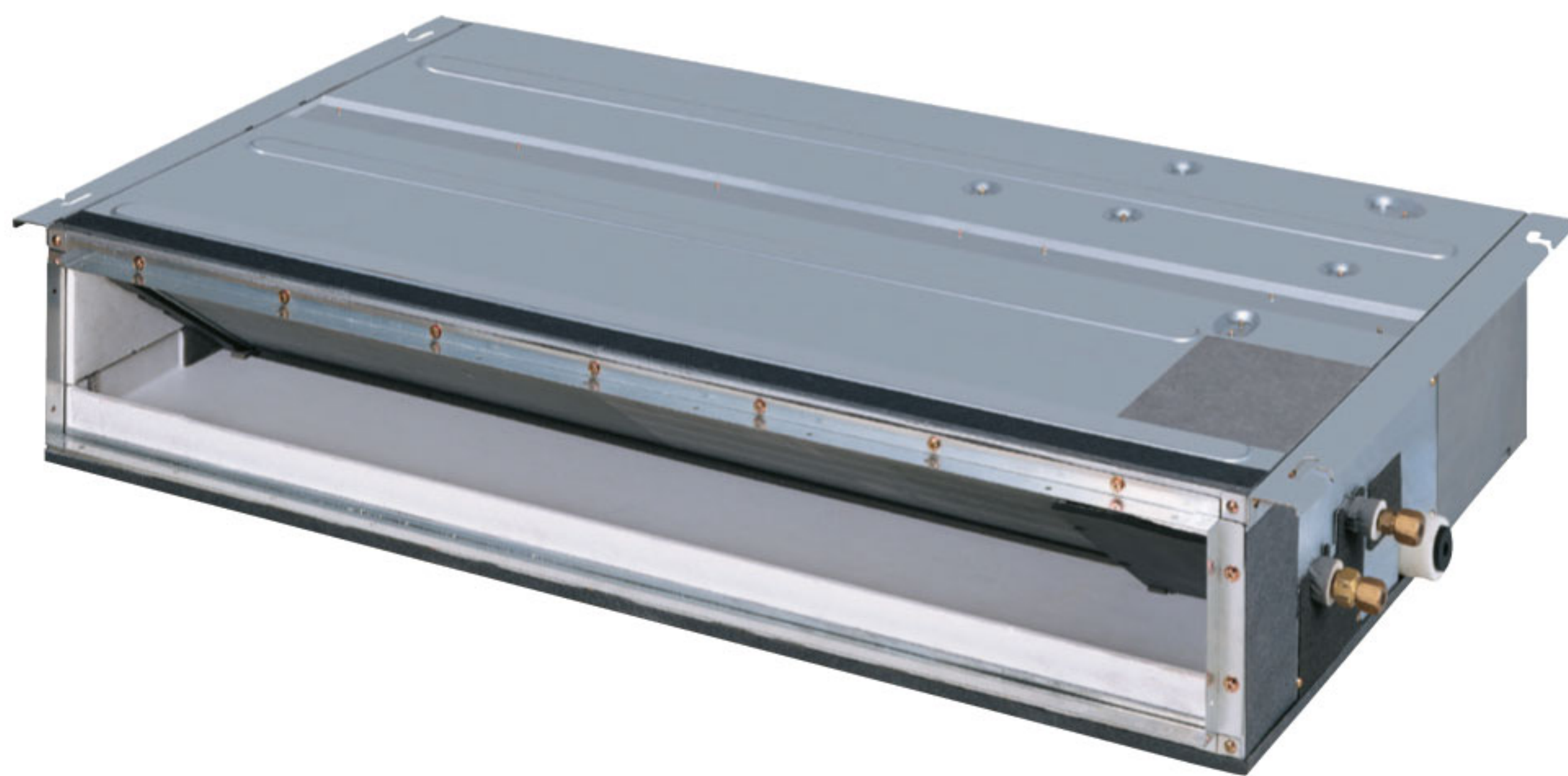


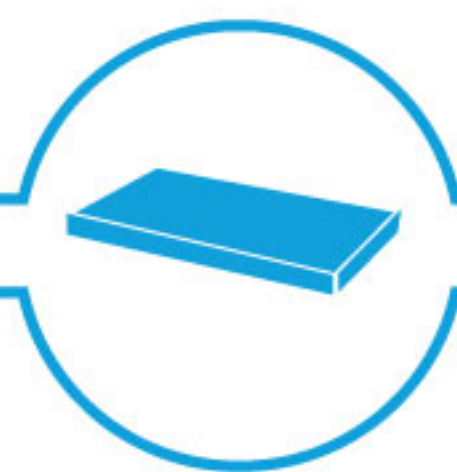
FDXS SERIES

HEAT PUMP

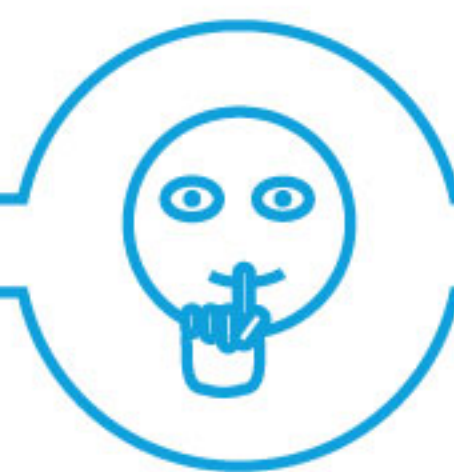


R-410A

SUITABLE FOR TIGHT CEILING SPACES



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.

SPECIFICATIONS

CEILING MOUNTED SLIM DUCT TYPE (Heat Pump)



R-410A

Model Name			Indoor unit		25	35	50	60
			Outdoor unit		FDXS25CVMA RXS25EBVMA	FDXS35CVMA RXS35EBVMA	FDXS50CVMA RXS50FVMA	FDXS60CVMA RXS60FVMA
Power supply					1 Phase, 220-240 V, 50 Hz			
Cooling capacity ¹ Rated (Min. - Max.)				kW	2.4 (1.2-3.0)	3.4 (1.2-3.8)	5 (1.7-5.3)	6 (1.7-6.5)
Heating capacity ² Rated (Min. - Max.)				kW	3.2 (1.2-4.5)	4 (1.2-5.0)	5.8 (1.7-6.0)	7 (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	266/225	
			m³/min	9.5/8	10/8.5	12-10	16/13.5	
	Fan	External static pressure	Pa(mm-H2O)	40				
	Sound level (H/L) ³		dB(A)	35/31		37/33	38/34	
	Dimensions (HXWXD)		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	
		Sound power	Cooling/ Heating ³	dB(A)	61/62	62/63	61/62	63/63
	Dimensions (HXWXD)		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	
Drain			Indoor unit	VP20 (I.DØ20XO.DØ26)				
			Outdoor unit	Ø18.0 (Hole)				
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.
³Time clock and other devices ; obtained locally.
⁴This optional accessory requires KRP928B2S

²Adaptor PCB is also