

# SPECIFICATIONS

## CEILING MOUNTED SLIM DUCT TYPE (Heat Pump)



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 <sup>1</sup> 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 <sup>2</sup> 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 <sup>1</sup>	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 <sup>2</sup>	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
			m <sup>3</sup> /min	9.5/8	10/8.5	12-10	16/13.5
	Fan	External static pressure	Pa(mm-H <sub>2</sub> O)	40			
	Sound level (H/L) <sup>3</sup>		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	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	
Piping connections	Liquid (Flare)		mm	Ø6.4			
	Gas (Flare)		mm	Ø9.5		Ø12.7	
		Indoor unit	mm	VP20 (I.DØ20XO.DØ26)			
	Outdoor unit	mm	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



**R-410A**

		Kit name			
		Heat Pump			
		FDXS25CVMA	FDXS35CVMA	FDXS50CVMA	FDXS60CVMA
Wired remote controller <sup>1</sup>		BRC944B2			
Wired remote controller code	Length <sup>3</sup> m (shielded wire)	BRCW901A03			
	Length <sup>8</sup> m (shielded wire)	BRCW901A08			
5-room centralised controller <sup>2</sup>		KRC72			
Adaptor PCB (normal open/normal open pulse contact) <sup>3</sup>		KRP413A1S			
The remote controller loss prevention with the chain		KKF917A4			
Interface adaptor for DIII-NET use		KRP928B2S			
Central remote controller <sup>4</sup>		DCS302CA61			
Uni ed ON/OFF controller <sup>4</sup>		DCS301BA61			
Schedule timer <sup>4</sup>		DST301BA61			
Intelligent Touch Controller <sup>4</sup>		DCS601C51			
Suction grille		KDFG19A45			
Insulation kit for high humidity		KDT25N50		KDT25N63	

Note: <sup>1</sup>3 m (BRCW901A03) or 8 m (BRCW901A08) length wired remote controller cord is necessary .  
 required for each indoor unit.

<sup>3</sup>Time clock and other devices ; obtained locally.

<sup>4</sup>This optional accessory requires KRP928B2S

<sup>2</sup>Adaptor PCB is also