

				FDQ125B8V3B9	FDQ200B8V3B9	FDQ250B8V3B9
Sound pressure level	Heating	Low	dBA	44.0	45.0	47.0
	Cooling	High	dBA	44.0	45.0	47.0
Standard Accessories	Standard_Accessories--Quantity			1		
	Standard_Accessories--Item			Installation and operation manual		
Refrigerant	Type			R-410A		
Fan motor	Output	High	W	500	650	1,000
	Speed		Steps	3		
	Quantity			1		
	Drive			Direct drive		
	Model			DPA216-178NB		
Heat exchanger	Passes		Quantity	10		
	Fin		Treatment	Hydrophilic		
			Type	Rhombus		
	Empty tubeplate hole		Quantity	0		
	Fin pitch		mm	1.75	2.00	2.00
	Stages		Quantity	14		
	Rows		Quantity	3		
	Face area		m <sup>2</sup>	0.338	0.634	0.634
	Length		mm	1,150	1,200	1,200
	Tube type			ø7 Hi-XSS		
Piping connections	Liquid	OD	mm	9.52	9.52	12.7
				Type	Flare connection	
	Gas	OD	mm	15.9	22.2	22.2
				Type	Flare connection	
	Heat insulation			Both liquid and gas pipes		
Required ceiling void >--mm	mm			350	450	450
Sound power level	Cooling		dBA	75.0	81	82
Safety devices	Item		01	Fan motor thermal fuse		
Air filter	Type			Resin net with mold resistance		
Dimensions	Packed unit	Width	mm	1,515	1,515	1,515
		Height	mm	512	607	607
		Depth	mm	795	1,055	1,055
	Unit	Width	mm	1,400	1,400	1,400
		Depth	mm	662	900	900
		Height	mm	350	450	450

Casing	Colour			Unpainted			
	Material			Galvanised steel			
Weight	Packed unit		kg	74.0	108.0	113.0	
	Unit		kg	59.0	89.0	94.0	
Fan	External static pressure	High	Pa	150	250	250	
		Nom.	Pa	150	250	250	
		Low	Pa	150	250	250	
	Fan--Fan type			Sirocco fan			
	Fan--Fan quantity			2			
	Air flow rate	Heating	Nom.	m <sup>3</sup> /min	43.0	69.0	89.0
		Cooling	Nom.	m <sup>3</sup> /min	43.0	69.0	89.0
Template				Sky Air Indoor	Sky Air Indoor	Sky Air Indoor	
Air direction control				Up and downwards	Up and downwards	Up and downwards	
Temperature control				Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	Microprocessor thermostat for cooling and heating	
Current - 50Hz	Zmax		List	No requirements			
Voltage range	Min.		%	-10	-10	-10	
	Max.		%	10	10	10	
Power supply	Frequency		Hz	50	50	50	
	Voltage		V	230	230	230	
	Phase			1~			
Notes				Sound values are measured in a semi-anechoic room with corrections.	Sound values are measured in a semi-anechoic room with corrections.	Sound values are measured in a semi-anechoic room with corrections.	
				The sound pressure level is measured via a microphone at 1m distance of the unit.	The sound pressure level is measured via a microphone at 1m distance of the unit.	The sound pressure level is measured via a microphone at 1m distance of the unit.	
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.	Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.	Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.	
				The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.	The sound power level is an absolute value indicating the power which a sound source generates.	
				For more details, please refer to	For more details, please refer to	For more details, please refer to	

				wiring diagram, name plate and installation manual.	wiring diagram, name plate and installation manual.	wiring diagram, name plate and installation manual.
Power supply intake				Both indoor and outdoor unit	Both indoor and outdoor unit	Both indoor and outdoor unit
Power input - 50Hz	Cooling	Nom.	kW		1,340	1,340
	Heating	Nom.	kW		1,340	1,340
Casing	Colour				Unpainted	Unpainted
	Material				Galvanised steel	Galvanised steel
Heat exchanger	Rows	Quantity			3	3
	Passes	Quantity			12	12
	Stages	Quantity			24	24
	Empty tubeplate hole	Quantity			0	0
	Tube type				ø8 Hi-XSS	ø8 Hi-XSS
	Fin	Type			Non-symmetric fin	Non-symmetric fin
		Treatment			Hydrophilic	Hydrophilic
Fan	Type				Sirocco fan	Sirocco fan
	Quantity				2	2
Fan motor	Quantity				1	1
	Model				DPC241-241NB	DPC241-241NB
	Drive				Direct drive	Direct drive
	Speed	Steps			3	2
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	Type			Flare connection	Flare connection
	Gas	Type			Braze connection	Braze connection
	Drain				25	25
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes
Air filter	Type				Resin net with mold resistance	Resin net with mold resistance
Safety devices	Item	01			Fan motor thermal fuse	Fan motor thermal fuse
Control systems	Wired remote control				BRC1D52, BRC1E52A/B	BRC1D52, BRC1E52A/B
Quantity					1	1
Item					Installation and operation manual	Installation and operation manual
Power supply	Name				V3	V3
	Phase				1~	1~
Current - 50Hz	Zmax	List			No requirements	No requirements

				FDQ125C7VEB	FDQ125C5VEB	
Sound pressure level	Heating	High	dBA	40	40	
		Low	dBA	33	33	
	Cooling	Low	dBA	33	33	
		High	dBA	40	40	
Refrigerant	Type			R-410A		
Control systems	Infrared remote control			BRC4C65		
	Wired remote control			BRC1D52, BRC1E53A, BRC1E53B, BRC1E53C		
Fan motor	Output		High	W	350	350
	Speed	Cooling	High	rpm	1,218	1,218
			Low	rpm	920	920
		Heating	High	rpm	1,218	1,218
			Low	rpm	920	920
				Steps	9	
Drive			Direct drive			
Model			Brushless DC motor			
Quantity			1			
Cooling capacity	Nom.		kW	12.5 (1)		
Heat exchanger	Passes		Quantity	11		
	Fin		Type	Symmetric waffle louvre		
Empty tubeplate hole		Quantity	0			
Rows		Quantity	3			
Face area		m <sup>2</sup>	0.383	0.383		
Fin pitch		mm	1.75	1.75		
Stages		Quantity	16			
Tube type			ø7 Hi-XSS			
Fin		Treatment	Hydrophilic			
Length		mm	1,140	1,140		
Piping connections	Liquid	OD	mm	9.52	9.52	
			Type	Flare connection		
	Gas	OD	mm	15.9	15.9	
			Type	Flare connection		
Drain			VP25 (I.D. 25/O.D. 32)			
Heat insulation			Both liquid and gas pipes			

Required ceiling void >=mm	mm			350	350
Power input	Cooling	Nom.	kW	0.35	0.35
	Heating	Nom.	kW	0.35	0.35
Sound power level	Cooling		dBA	66	66
Safety devices	Item		01	PC board fuse	
			02	PC board fuse (fan driver)	
			03	Drain pump fuse	
Air filter	Type			Resin net with mold resistance	
Dimensions	Packed unit	Width	mm	1,620	1,620
		Height	mm	355	355
		Depth	mm	900	900
	Unit	Width	mm	1,400	1,400
		Depth	mm	700	700
		Height	mm	300	300
Casing	Colour			Not painted (galvanised)	
Weight	Packed unit		kg	53	53
	Unit		kg	45	45
Fan	External static pressure	High	Pa	200	200
		Nom.	Pa	50	50
	Air flow rate	Heating	High	m <sup>3</sup> /min	39
			Low	m <sup>3</sup> /min	28
	Cooling	Low	m <sup>3</sup> /min	28	
		High	m <sup>3</sup> /min	39	
	Type			Sirocco fan	
	Quantity			3	
Drain-up height	mm			625	625
Decoration panel	Weight		kg	6.5	6.5
	Dimensions	Height	mm	55	55
		Depth	mm	500	500
		Width	mm	1,500	1,500
	Model			BYBS125DJW1	
	Colour			White (10Y9/0.5)	
Heating capacity	Nom.		kW	14.0 (2)	
Template				Sky Air Indoor	Sky Air Indoor
Power	Frequency		Hz	50/60	50/60

supply					
	Voltage	V	220-240/220	220-240/220	
	Phase		1~		
Notes			Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m	Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m	
			Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m	Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m	
			Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.	Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.	
			The sound pressure values are mentioned for a unit installed with rear suction.	The sound pressure values are mentioned for a unit installed with rear suction.	
			PED unit category: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED unit category: excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	
Cooling capacity	Total capacity	Nom.	kW		12.5 (1)
Heating capacity	Total capacity	Nom.	kW		14.0 (2.000)
Casing	Colour				Not painted (galvanised)
Heat exchanger	Rows	Quantity			3
	Passes	Quantity			11
	Stages	Quantity			16
	Empty tubeplate hole	Quantity			0
	Tube type				ø7 Hi-XSS
	Fin	Type			Symmetric waffle louvre
		Treatment			Hydrophilic
Fan	Type				Sirocco fan
	Quantity				3
Fan motor	Quantity				1
	Model				Brushless DC motor

	Drive			Direct drive
	Speed	Steps		9
Refrigerant	Type			R-410A
Piping connections	Liquid	Type		Flare connection
	Gas	Type		Flare connection
	Drain			VP25 (I.D. 25/O.D. 32)
	Heat insulation			Both liquid and gas pipes
Decoration panel	Model			BYBS125DJW1
	Colour			White (10Y9/0.5)
Air filter	Type			Resin net with mold resistance
Safety devices	Item	01		PC board fuse
		02		PC board fuse (fan driver)
		03		Drain pump fuse
Control systems	Infrared remote control			BRC4C65
	Wired remote control			BRC1D52, BRC1E53A, BRC1E53B, BRC1E53C
Power supply	Name			VE
	Phase			1~