

Concealed ceiling unit with high ESP

ESP up to 250 Pa, ideal for large sized spaces

- › High external static pressure up to 250 Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the wall: only the suction and discharge grilles are visible
- › Optional drain pump
- › Standard supplied suction filter simplifies installation
- › Up to 27.6kW in heating mode



Set					FDA200A / RZA200D	FDA250A / RZA250D	
Cooling capacity	Nom.				19.0	22.0	
Heating capacity	Nom.				22.4	24.0	
Space cooling	Capacity		Pdesign		19.0	22.0	
	SEER				6.26	5.38	
	η _{s,c}			%	247	212	
	Annual energy consumption			kWh/a	1,821	2,455	
Space heating (Average climate)	Capacity		Pdesign		11.2	12.1	
	SCOP				3.59	3.55	
	η _{s,h}			%	141	139	
	Annual energy consumption			kWh/a	4,368	4,765	
Indoor unit					FDA 200A	250A	
Cooling capacity	Total capacity	Nom.			19	22	
Heating capacity	Total capacity	Nom.			22.4	24	
Power input - 50Hz	Cooling	Nom.			0.32	0.4	
	Heating	Nom.			0.32	0.4	
Dimensions	Unit	HeightxWidthxDepth			470x1,490x1,100		
	Weight	Unit				104	115
Casing	Material					Galvanised steel plate	
Fan	Air flow rate	Cooling	Low/High	m ³ /min	36 / 64	43 / 69	
		Heating	Low/High	m ³ /min	36 / 64	43 / 69	
	External static pressure	Nom./High		Pa	62 / 250		
Air filter	Type					Resin net	
Sound power level	Cooling			dBA	69	71	
Sound pressure level	Cooling	Low / Med. / High		dBA	36 / 39 / 43	37 / 40 / 44	
	Heating	Low / Med. / High		dBA	36 / 39 / 43	37 / 40 / 44	
Refrigerant	Type					R-32/R-410A	
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	19.1	22.2	
Power supply	Phase / Frequency / Voltage			Hz / V	1 ~ / 50/60 / 220-240/220		
Control systems	Infrared remote control					BRC4C65	
	Wired remote control					BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52	
Outdoor unit					RZA200D	RZA250D	
Dimensions	Unit	HeightxWidthxDepth			870x1,100x460		
Weight	Unit					120	
Sound power level	Cooling			dBA	73	76	
	Heating			dBA	76	79	
Sound pressure level	Cooling	Nom.		dBA	53	57	
	Heating	Nom.		dBA	60	63	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~-46		
	Heating	Ambient	Min.~Max.	°CWB	-20~-15		
Refrigerant	Type/GWP					R-32/675	
	Charge			kg/TCO ₂ Eq	5.0/3.38		
Piping connections	Liquid/Gas	OD		mm	9.52/22.2		
	Piping length	OU - IU	Max.	m	100		
			Chargeless		m	30	
	Additional refrigerant charge			kg/m	See installation manual		
	Level difference	IU - OU	Max.	m	30		
Power supply	Phase/Frequency/Voltage					3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)					25	

(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.