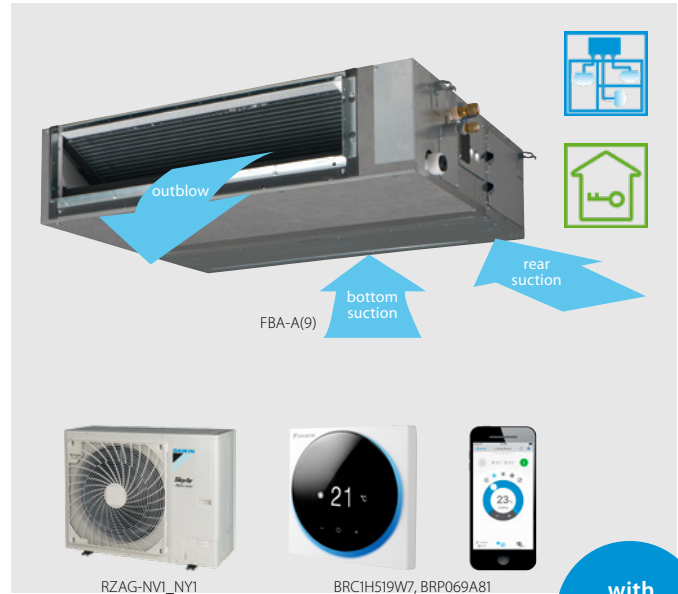


# Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Low operation sound level down to 25dBA
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit
- › Optional fresh air intake
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



Efficiency data		FBA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A9 + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1	
Cooling capacity	Min./Nom./Max.	kW	1.6/3.5/5.0	1.7/5.0/6.0	1.7/6.0/7.0	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	
Heating capacity	Min./Nom./Max.	kW	1.40/4.00/5.00	1.70/6.00/6.00	1.70/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	
Space cooling	Energy efficiency class		A++				-		A++					
	Capacity	Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4
	SEER			6.12	6.30	6.15	6.22	6.47	6.19	6.42	6.22	6.47	6.19	6.42
	ηs,c		%	-				245	254	-		245	254	
Space heating (Average climate)	Annual energy consumption		kWh/a	200	278	341	382	514	1,173	1,252	382	514	1,173	1,252
	Energy efficiency class			A+				-		A+				
	Capacity	Pdesign	kW	4.20	4.30	4.50	4.70	7.80	9.52		4.70	7.80	9.52	
	SCOP/A			4.10		4.20		4.36	4.12	4.11	4.20	4.36	4.12	4.11
ηs,h		%	-				162	161	-		162	161		
Annual energy consumption		kWh/a	1,434	1,469	1,537	1,566	2,505	3,235	3,243	1,566	2,505	3,235	3,243	
Indoor unit		FBA	35A9	50A9	60A9	71A9	100A	125A	140A					
Dimensions	Unit	HeightxWidthxDepth	245x700x800			245x1,000x800			245x1,400x800					
Weight	Unit	kg	28.0			35.0			46.0					
Air filter	Type	Resin net												
Fan	Air flow rate	Cooling	Low/Medium/High		m³/min	10.5/12.5/15.0		12.5/15.0/18.0		23.0/26.0/29.0		23.5/29.0/34.0		
		Heating	Low/Medium/High		m³/min	10.5/12.5/15.0		12.5/15.0/18.0		23.0/26.0/29.0		23.5/29.0/34.0		
	External static pressure	Nom./High	Pa		30/150			40/150		50/150				
Sound power level	Cooling	dBA	60.0		56.0			58.0		62.0				
Sound pressure level	Cooling	Low/High	dBA		29.0/35.0		25.0/30.0		30.0/34.0		32.0/37.0			
	Heating	Low/High	dBA		29.0/37.0		25.0/31.0		30.0/36.0		32.0/38.0			
Control systems	Infrared remote control	BRC4C65 / BRC4C66												
	Wired remote control	BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52												
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220											
Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxDepth	734x870x373			870x1,100x460								
Weight	Unit	kg	52			81	85	95		81	85	94		
Sound power level	Cooling	dBA	62.0	63.0	64.0		66	69	70	64	66	69	70	
	Heating	dBA	62.0	63.0	64.0	-	68	71	-	68	71			
Sound pressure level	Cooling	Nom.	dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50
	Heating	Nom.	dBA	48.0	49.0	50.0	48	50	52		48	50	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB				-20~52						
	Heating	Ambient	Min.~Max.	°CWB				-20~18						
Refrigerant	Type/GWP	R-32/675.0												
	Charge	kg/TCO2Eq	1.55/1.05		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50			
Piping connections	Liquid/Gas	OD	mm		64/9.50		64/12.7		952/15.9					
	Piping length	OU - IU	Max.	m		55		85		55		85		
		System	Equivalent	m		-		75		100		75		100
		Chargeless	m		-		40							
		Additional refrigerant charge	kg/m		0.02 (for piping length exceeding 30m)		See installation manual							
Power supply	Level difference	IU - OU	Max.	m		30.0								
	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415							
Current - 50Hz	Maximum fuse amps (MFA)	A	16		20		32		16					