Seasonal Classic

Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

- Combination with Seasonal Classic ensures good value for money for all types of commercial applications
- 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
- Unified indoor unit range for R-32 and R-410A
- 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

NEW
- Multi zoning kit allows multiple individually-controlled climate zones to be served by one indoor unit

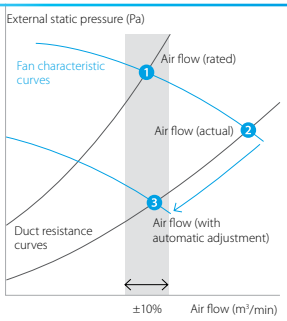
Optimised supply air volume

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within ±10%

Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance → the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature

Automatic Airflow Adjustment function will adapt the unit's fan speed to any ducting automatically (10 or more fan curves are available on every model), making installation much faster



Efficiency data				FBA + RZQSG	71A + 71L3V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1
Cooling capacity	Nom.			kW	6.80	9.5	12.0	13.4	9.5	12.0	13.4
Heating capacity	Nom.			kW	7.50	10.80	13.50	15.5	10.80	13.50	15.5
Power input	Cooling		Nom.	kW	1.98	2.84	3.72	4.38	2.84	3.72	4.38
	Heating		Nom.	kW	1.91	2.94	3.72	4.56	2.94	3.72	4.56
Seasonal efficiency (according to EN14825)	Cooling		Energy efficiency class		A+		A	-	A+	A	-
			Pdesign	kW	6.80	9.50	12.00	-	9.50	12.00	-
			SEER		5.84	5.61	5.47	-	5.61	5.47	-
			Annual energy consumption	kWh	408	593	768	-	593	768	-
	Heating (Average climate)		Energy efficiency class		A+			-	A+		-
			Pdesign	kW	6.00	7.60		-	7.60		-
			SCOP/A		4.01	4.15	4.01	-	4.15	4.01	-
			Annual energy consumption	kWh	2,095	2,564	2,653	-	2,564	2,653	-
Nominal efficiency	EER				3.43	3.35	3.23	3.06	3.35	3.23	3.06
	COP				3.92	3.67	3.63	3.40	3.67	3.63	3.40
	Annual energy consumption			kWh	991	1,418	1,858	-	1,418	1,858	-
	Energy labeling Directive		Cooling/Heating		A/A			-/-	A/A		-/-

Indoor unit				FBA	71A	100A	125A	140A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth		mm	245x1,000x800	245x1,400x800					
Weight	Unit			kg	35.0	46.0					
Air filter	Type				Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m^3/min	12.5/15.0 /18.0	23.0/26.0 /29.0	23.5/29.0 /34.0		23.0/26.0 /29.0	23.5/29.0 /34.0	
		Heating	Low/Medium/High	m^3/min	12.5/15.0 /18.0	23.0/26.0 /29.0	23.5/29.0 /34.0		23.0/26.0 /29.0	23.5/29.0 /34.0	
	External static pressure	Nom./High		Pa	30/150	40/150	50/150		40/150	50/150	
Sound power level	Cooling			dBA	56	58	62		58	62	
Sound pressure level	Cooling	Low/High		dBA	25.0/30.0	30.0/34.0	32.0/37.0		30.0/34.0	32.0/37.0	
	Heating	Low/High		dBA	25.0/31.0	30.0/36.0	32.0/38.0		30.0/36.0	32.0/38.0	
Control systems	Infrared remote control				BRC4C65 / BRC4C66						
	Wired remote control				BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52						
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220						

Outdoor unit				RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	72	74	95	82		101
Sound power level	Cooling			dBA	65	70		69	70		69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/-	54/-	53/-		54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~46	-15~46					
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type/GWP				R-410A/2,087.5						
	Charge			kg/TCO2Eq	2.75/5.7	2.9/6.1		4.0/8.4	2.9/6.1		4.0/8.4
Piping connections	Liquid/Gas			mm	9.52/15.9						
	Piping length	OU - IU	Max.	m	50						
		System	Equivalent	m	70						
			Chargeless	m	30						
	Additional refrigerant charge			kg/m	See installation manual						
	Level difference	IU - OU	Max.	m	15	30.0					
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240				3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32		-	16		20

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.