

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Unified indoor unit range for R-32 and R-410A
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- › Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



Efficiency data		FHA + RZQG	71A + 71L9V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	71A + 71L8Y1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1		
Cooling capacity	Nom.	kW	6.8	9.5	12.0	13.4	6.8	9.5	12.0	13.4		
Heating capacity	Nom.	kW	7.50	10.80	13.50	15.50	7.50	10.80	13.50	15.50		
Power input	Cooling	Nom.	kW	1.78	2.49	3.58	4.05	1.78	2.49	3.58		
	Heating	Nom.	kW	1.82	2.61	3.48	4.27	1.82	2.60	3.48		
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class	A++		A+		A++		A+			
		Pdesign	kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-	
		SEER		6.86	6.11	6.01	-	6.86	6.11	6.01	-	
	Heating (Average climate)	Annual energy consumption	kWh	347	545	699	-	347	545	699	-	
		Energy efficiency class	A+		A++		A+		A++		A+	
		Pdesign	kW	7.60	11.30	14.13	-	7.60	11.30	14.13	-	
Nominal efficiency	EER	SCOP/A		4.32	4.61	4.23	-	4.32	4.61	4.23	-	
		Annual energy consumption	kWh	2,463	3,432	4,677	-	2,463	3,432	4,677	-	
		COP		3.82	3.81	3.35	3.31	3.82	3.81	3.35	3.31	
Annual energy consumption	COP		4.13	4.15	3.89	3.63	4.13	4.15	3.89	3.63		
		Annual energy consumption	kWh	890	1,245	1,790	2,025	890	1,245	1,790	2,025	
		Energy labeling Directive	Cooling/Heating	A/A								

Indoor unit		FHA	71A	100A	125A	140A	71A	100A	125A	140A		
Dimensions	Unit HeightxWidthxDepth	mm	235x1,270x690		235x1,590x690		235x1,270x690		235x1,590x690			
Weight	Unit	kg	32.0		38.0		32.0		38.0			
Air filter	Type	Resin net										
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0
	Heating	Low/Medium/High	m ³ /min	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	14.0/17.0/20.5	20.0/24.0/28.0	23.0/27.0/31.0	24.0/29.0/34.0	
Sound power level	Cooling		dBA	55	60	62	64	55	60	62	64	
Sound pressure level	Cooling	Low/High	dBA	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46	
	Heating	Nom./High	dBA	36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46	
Control systems	Infrared remote control	BRC7GA53 / BRC7GA56										
	Wired remote control	BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240									

Outdoor unit		RZQG	71L9V1	100L9V1	125L9V1	140L9V1	71L8Y1	100L8Y1	125L8Y1	140LY1	
Dimensions	Unit HeightxWidthxDepth	mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320		
Weight	Unit	kg	69		95		80		101		
Sound power level	Cooling		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.	dBA	48	50	51	52	48	50	51	52
	Heating	Nom.	dBA	50	52		53	50	52		53
Operation range	Cooling	Ambient	Min.~Max.	-15~-50							
	Heating	Ambient	Min.~Max.	-20~-15.5							
Refrigerant	Type/GWP	R-410A/2,087.5									
	Charge	kg/CO ₂ Eq	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		75		50		75	
	System	Equivalent	m	70		90		70		90	
	Chargeless		m	30							
	Additional refrigerant charge		kg/m	See installation manual							
Power supply	Level difference	IU - OU Max.	m	30.0							
	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3N~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	25		40		16		25		

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.