

Floor standing unit

For commercial spaces with high ceilings

Combination with seasonal smart ensures best in class quality, highest efficiency and performance

- › Unified range for R-32 and R-410A
- › Ideal solution for commercial and busy environments
- › Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- › Improved comfort as a result of better airflow distribution from the vertical out blow which allows manual adjustment of air outlet blades at the top of the unit.
- › Selectable horizontal out blow to better suit the layout of the room (via wired remote controller BRC1E52)
- › No optional adapter needed for DIII-connection, link your unit into the wider building management system.



Efficiency data			FVA + RZQG	71A + 71L9V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	71A + 71L8Y1	100A + 100L8Y1	125A + 125L8Y1	140A + 140LY1	
Cooling capacity	Nom.		kW	6.80	9.50	12.0	13.4	6.80	9.50	12.0	13.4	
Heating capacity	Nom.		kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5	
Power input	Cooling	Nom.	kW	2.02	2.49	3.74	4.17	2.02	2.49	3.74	4.17	
	Heating	Nom.	kW	2.06	2.61	3.65	4.30	2.06	2.61	3.65	4.30	
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		6.23	5.61		6.23	5.61				
		Annual energy consumption	kWh	383	593	749	383	593	749			
	Heating (Average climate)	Energy efficiency class			A+		A		A+		A	
		Pdesign	kW	6.33	11.30		6.33	11.30				
		SCOP/A		4.05	4.20	3.87	4.05	4.20	3.87			
Annual energy consumption		kWh	2,189	3,767	4,088	2,189	3,767	4,088				
Nominal efficiency	EER			3.37	3.81	3.21		3.37	3.81	3.21		
	COP			3.64	4.14	3.70	3.61	3.64	4.14	3.70	3.61	
	Annual energy consumption	kWh		1,010	1,245	1,870	2,085	1,010	1,245	1,870	2,085	
Energy labeling Directive	Cooling/Heating			A / A	A / A	A / A		A / A	A / A	A / A		

Indoor unit				FVA	71A	100A	125A	140A	71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	1,850x600x270	1,850x600x350			1,850x600x270	1,850x600x350			
Weight	Unit		kg	39	47			39	47			
Air filter	Type			Resin net with mold resistance								
Fan - Air flow rate	Cooling	High/Low	m ³ /min	18/14	28/22	28/24	30/26	18/14	28/22	28/24	30/26	
	Heating	High/Low	m ³ /min	18/14	28/22	28/24	30/26	18/14	28/22	28/24	30/26	
Sound power level	Cooling		dBA	55	62	63	65	55	62	63	65	
	Heating		dBA	55	62	63	65	55	62	63	65	
Sound pressure level	Cooling	High/Low	dBA	43/38	50/44	51/46	53/48	43/38	50/44	51/46	53/48	
	Heating	High/Low	dBA	43/38	50/44	51/46	53/48	43/38	50/44	51/46	53/48	
Refrigerant	Type			R-32 / R-410A								
Control systems	Wired remote control			BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52								
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220								

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.	50			75	50		75		
		System	Equivalent	70			90	70		90		
			Chargeless	30								
		Additional refrigerant charge		kg/m	See installation manual							
Power supply	Level difference	IU - OU	Max.	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			

(1) EER/COP according to Eurovent 2012, for use outside EU only

(2) 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.