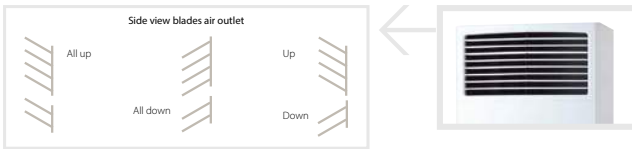


Floor standing unit

For commercial spaces with high ceilings

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › 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 BRC1E*/BRC1H*)

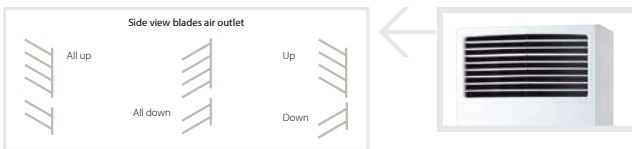


Efficiency data		FVA + RZAG	71A + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A++	A+	-		A++	A+	-			
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4	
	SEER		6.34	6.00	6.41	6.12	6.34	6.00	6.41	6.12		
	ηs,c	%		-	253	242		-	253	242		
	Annual energy consumption	kWh/a	376	554	1,133	1,314	376	554	1,133	1,314		
Space heating (Average climate)	Energy efficiency class		A+		-		A+		-			
	Capacity	Pdesign	kW	4.70	7.80	9.52		4.70	7.80	9.52		
	SCOP/A		4.05	4.20	4.15	3.94	4.05	4.20	4.15	3.94		
	ηs,h	%		-	163	155		-	163	155		
	Annual energy consumption	kWh/a	1,625	2,600	3,209	3,383	1,625	2,600	3,209	3,383		
Indoor unit		FVA	71A	100A	125A	140A	71A	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	mm		1,850x600x270		1,850x600x270		1,850x600x350			
Weight	Unit		kg		42		42		50			
Air filter	Type		Resin net									
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	14/16/18	22/25/28	24/26/28	26/28/30	14/16/18	22/25/28	24/26/28	26/28/30
		Heating	Low/Medium/High	m ³ /min	14/16/18	22/25/28	24/26/28	26/28/30	14/16/18	22/25/28	24/26/28	26/28/30
Sound power level	Cooling			dBa	55	62	63	65	55	62	63	65
		Heating		dBa	38/43	44/50	46/51	48/53	38/43	44/50	46/51	48/53
Sound pressure level	Cooling	Low/High		dBa	41/43	47/50	48/51	51/53	41/43	47/50	48/51	51/53
		Heating	Nom./High	dBa	BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52							
Control systems	Wired remote control		1~/50/60/220-240/220									
Power supply	Phase/Frequency/Voltage	Hz/V										
Outdoor unit		RZAG/RZAG	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1		
Dimensions	Unit	HeightxWidthxDepth	mm									
Weight	Unit		kg									
Sound power level	Cooling		81		85		95		81		85	
		Heating	64		66		69		64		66	
Sound pressure level	Cooling	Nom.	64		66		69		64		66	
		Heating	-		68		71		-		68	
Operation range	Cooling	Ambient	46		47		49		46		47	
		Min.~Max.	48		50		52		48		50	
Refrigerant	Type/GWP		R-32/675									
		Charge	kg/TCO2Eq		3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50	
Piping connections	Liquid/Gas	OD	mm									
		Piping length	OU - IU	55		85		55		85		
		System Equivalent	75		100		75		100			
		Chargeless	m		40		40		40			
Power supply	Phase/Frequency/Voltage		See installation manual									
		Level difference IU - OU	Max.		m		30		30			
Current - 50Hz	Maximum fuse amps (MFA)	A	20		32		16					

Floor standing unit

For commercial spaces with high ceilings

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › 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 BRC1E*/BRC1H*)



Efficiency data		FVA + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	10.8	13.5	15.5		
Space cooling	Energy efficiency class		A+		-		A+		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
	SEER		5.83	5.72	5.52	5.63	5.72	5.52	5.63		
	ηs,c	%	-	-	218	222	-	218	222		
	Annual energy consumption		kWh/a	408	581	1,314	1,428	581	1,314	1,428	
Space heating (Average climate)	Energy efficiency class		A+		A		A		-		
	Capacity	Pdesign	kW	4.50	6.00	7.80	6.00	7.80	7.80		
	SCOP/A		4.04	3.83	3.64	3.81	3.83	3.64	3.81		
	ηs,h	%	-	-	143	149	-	143	149		
	Annual energy consumption		kWh/a	1,559	2,193	2,308	2,866	2,193	2,308	2,866	
Indoor unit		FVA	71A	100A	125A	140A	100A	125A	140A		
Dimensions	Unit	HeightxWidthxDepth	mm 1,850x600x270		mm 1,850x600x350						
Weight	Unit		kg 42		kg 50						
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	14/16/18	22/25/28	24/26/28	26/28/30	22/25/28	24/26/28	26/28/30
		Heating	Low/Medium/High	m ³ /min	14/16/18	22/25/28	24/26/28	26/28/30	22/25/28	24/26/28	26/28/30
Sound power level	Cooling		dB	55	62	63	65	62	63	65	
	Heating		dB	55	62	63	65	62	63	65	
Sound pressure level	Cooling	Low/High	dB	38/43	44/50	46/51	48/53	44/50	46/51	48/53	
	Heating	Nom./High	dB	41/43	47/50	48/51	51/53	47/50	48/51	51/53	
Control systems	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		RZASG/RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1		
Dimensions	Unit	HeightxWidthxDepth	mm 770x900x320		mm 990x940x320						
Weight	Unit		kg 60		kg 70		kg 78		kg 70	kg 77	
Sound power level	Cooling		dB	65	70	71	73	70	71	73	
	Heating		dB	-	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dB	46	53	54	57	53	54		
	Heating	Nom.	dB	47	53	54	57	53	54		
Operation range	Cooling	Ambient	Min.~Max.	°CDB -15~46							
	Heating	Ambient	Min.~Max.	°CWB -15~15.5							
Refrigerant	Type/GWP		R-32/675								
	Charge	kg/TCO2Eq	2.45/1.65	2.60/1.76		2.90/1.96	2.60/1.76		2.90/1.96		
Piping connections	Liquid/Gas	OD	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 30.0							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	16					