

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*)

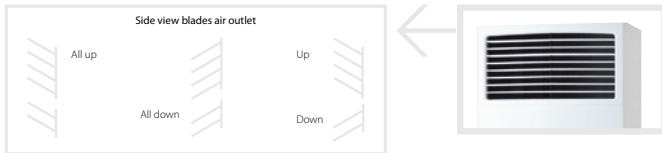


Efficiency data		FVA + RZAG	71A + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency 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	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		1,850x600x350	1,850x600x270		1,850x600x350			
Weight	Unit	kg	42		50	42		50				
Air filter	Type		Resin net									
Fan	Air flow rate	Cooling	Low/Medium/High	m³/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	m³/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									
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		RZAG/RZAG	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1		
Dimensions	Unit	HeightxWidthxDepth	mm	870x1,100x460								
Weight	Unit	kg	81	85	95		81	85	94			
Sound power level	Cooling		dBA	64	66	69	70	64	66	69	70	
		Heating		dBA	-	-	68	71	-	-	68	71
Sound pressure level	Cooling	Nom.	dBA	46	47	49	50	46	47	49	50	
		Heating	Nom.	dBA	48	50	52		48	50	52	
Operation range	Cooling	Ambient	Min.~Max.	-20~-52								
		Heating	Ambient	Min.~Max.	-20~-18							
Refrigerant	Type/GWP		R-32/675									
Piping connections	Liquid/Gas	OD	mm	3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50		
		Charge	kg/CO2Eq									
Piping connections	Liquid/Gas	OU - IU	Max.	952/15.9								
		length	System	Equivalent	m	55	85		55	85		
	Chargeless	Chargeless	Chargeless	m	75	100		75	100			
			Chargeless	m	40							
	Additional refrigerant charge	kg/m	See installation manual									
Level difference	IU - OU	Max.	m	30								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415					
Current - 50Hz	Maximum fuse amps (MFA)	A	20	32		16						

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- › 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		-		
	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					
Weight	Unit		kg			50					
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/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	m³/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			dBA	55	62	63	65	62	63	65
		Heating		dBA	38/43	44/50	46/51	48/53	44/50	46/51	48/53
Sound pressure level	Cooling	Low/High		dBA	38/43	44/50	46/51	48/53	44/50	46/51	48/53
		Heating	Nom./High	dBA	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					
Weight	Unit		kg			60					
Sound power level	Cooling		dBA	65	70	71	73	70	71	73	
		Heating	dBA	-	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dBA	46	53	54	57	53	54		
		Heating	Nom.	dBA	47	-	-	-	-	-	
Operation range	Cooling	Ambient	Min.~Max.	°CDB							
		Heating	Ambient	Min.~Max.	°CWB						
Refrigerant	Type/GWP		R-32/675								
	Charge	kg/CO2Eq	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								
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
			Chargeless	m							
			Additional refrigerant charge	kg/m							
Power supply	Level difference	IU - OU	Max.	m							
	Phase/Frequency/Voltage	Hz/V	1~/50/220-240				3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	16					