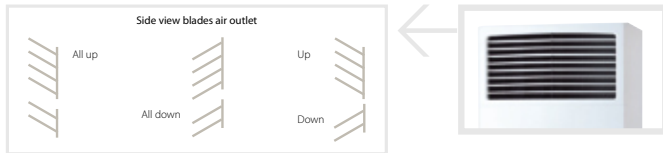


Floor standing unit

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*)



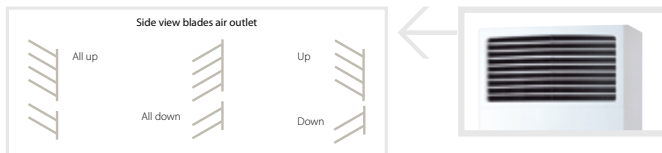
Efficiency data		FVA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency 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			6.37	6.00	6.41	6.12	6.37	6.00	6.41	6.12	
	ηs,c		%	-	-	253	242	-	-	253	242	
	Annual energy consumption		kWh/a	374	554	1,133	1,314	374	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	4.70	7.80	
	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	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
Sound pressure level	Cooling	Low/High		dBA	38/43	44/50	46/51	48/53	38/43	44/50	46/51	48/53
	Heating	Nom./High		dBA	41/43	47/50	48/51	51/53	41/43	47/50	48/51	51/53
Control systems	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52									
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220									
Outdoor unit		RZAG/RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1		
Dimensions	Unit HeightxWidthxDepth	mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320			
Weight	Unit	kg	70		92		70		92			
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70	
	Heating		dBA	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	49	51	52		49	51	52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52							
	Heating	Ambient	Min.~Max.	°CWB	-20~18.0							
Refrigerant	Type/GWP		R-32/675									
	Charge	kg/TCO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	OD	mm									
	Piping length	OU - IU	Max.	m				m				
		System	Equivalent	m				m				
		Chargeless	m									
		Additional refrigerant charge	kg/m									
	Level difference	IU - OU	Max.									
			m									
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			

(1) 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.

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		-		
	Capacity	Pdesign	kW	4.50	6.00		7.80	6.00		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		1,850x600x350						
Weight	Unit	kg	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	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			dBA	55	62	63	65	62	63	65
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		BRC1H519W/S/K / 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		990x940x320						
Weight	Unit	kg	60	70		78	70		77		
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	53		54	
	Heating	Nom.	dBA	47	57						
Operation range	Cooling	Ambient	Min.~Max.	°CDB							
	Heating	Ambient	Min.~Max.	°CWB							
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								
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
		Chargeless		m							
	Additional refrigerant charge		kg/m	See installation manual							
Level difference	IU - OU	Max.	m								
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					

(1) 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.