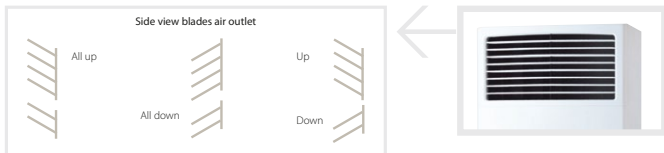


Floor standing unit

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*)
- > **NEW** New single fan Sky Air Alpha-series range!



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		6.37	6.00	6.41	6.12	6.37	6.00	6.41	6.12		
	ηs,c		%	-	-	253	242	-	-	253	242	
Space heating (Average climate)	Annual energy consumption	kWh/a	374	554	1,133	1,314	374	554	1,133	1,314		
	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		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									
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/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	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/CO2Eq	2.95/1.99		3.75/2.53		2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	OD	mm								9.52/15.9	
	Piping length	OU - IU	Max.	m			55		85		55 85	
		System	Equivalent	m			75		100		75 100	
		Chargeless	m			40						
		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		32		16					

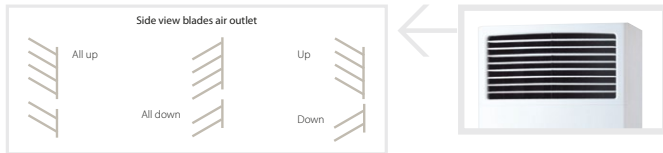
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing

*Note: blue cells contain preliminary data

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*)



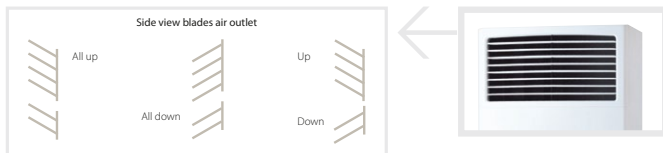
Efficiency data		FVA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4		
Heating capacity	Nom.	kW	7.50	10.8	13.5	15.5	7.50	10.8	13.5	15.5		
Space cooling	Energy efficiency 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			
	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		
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/K7 / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage			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		
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/CO ₂ Eq	2.95/1.99			3.75/2.53			2.95/1.99		3.75/2.53
Piping connections	Liquid/Gas	OD		mm								
				9.52/15.9								
	Piping length	OU - IU	Max.	m	55	85			55	85		
		System	Equivalent	m	75	100			75	100		
			Chargeless	m	40							
	Additional refrigerant charge		kg/m	See installation manual								
	Level difference	IU - OU	Max.	m	30.0							
Power supply	Phase/Frequency/Voltage			Hz/V								
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			1,850x600x350					
Weight	Unit		kg	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	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			dB(A)	55	62	63	65	62	63	65
Sound pressure level	Cooling	Low/High		dB(A)	38/43	44/50	46/51	48/53	44/50	46/51	48/53
	Heating	Nom./High		dB(A)	41/43	47/50	48/51	51/53	47/50	48/51	51/53
Control systems	Wired remote control		BRC1H519W/S/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	70	78	70	77			
Sound power level	Cooling		dB(A)	65	70	71	73	70	73		
	Heating		dB(A)	-	-	71	73	-	71	73	
Sound pressure level	Cooling	Nom.	dB(A)	46	53	54	53	54			
	Heating	Nom.	dB(A)	47	-	-	57	-			
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	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.