# SkyAir Alpha-series BLUEVOLUTION

### Wall mounted unit

#### For rooms with no false ceilings nor free floor space

- Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- Flat, stylish front panel blends easily within any interior décor and is easier to clean
- > Can easily be installed in both new and refurbishment projects
- The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- Maintenance operations can be performed easily from the front of the unit
- Flexible to install as the largest casing only weighs 18 kg and piping connection can be done at the bottom, left or right of the unit



More details and final information can be found by scanning or clicking the QR codes.









3~/50 /380-415

16



Efficiency data FAA + RZAG 71B + 71NV1 100B + 100NV1 71B + 71NY1 100B + 100NY1 Nom. Cooling capacity kW 6.80 9.50 6.80 9.50 Heating capacity kW 7.50 10.8 7.50 10.8 Space cooling **Energy efficiency class** A++ 6.80 6.80 9.50 Capacity kW 9.50 Pdesign SEER 6.58 6.42 6.58 6.42 kWh/a Annual energy consumption 362 518 362 518 Space heating **Energy efficiency class** A+ (Average climate) Capacity Pdesign kW 4.70 7.80 4.70 7.80 SCOP/A 4.20 4.01 4.20 4.01 Annual energy consumption kWh/a 1,567 2,723 1,567 2,723 Indoor unit 100B 100B FAA 71B 71B HeightxWidthxDepth Dimensions 290x1.050x269 340x1,200x262 290x1.050x269 340x1.200x262 Unit mm Weight Unit kg 14.0 18 14.0 18 Fan Air flow Cooling Low/Medium/High m³/min 12.1/13.4/16.2 23.0/21.1/18.7 12.1/13.4/16.2 23.0/21.1/18.7 rate Heating Low/Medium/High m³/min 12.7/14.2/16.9 23.0/20.9/18.7 12.7/14.2/16.9 23.0/20.9/18.7 Sound power level Cooling dRA 61.0 65 61.0 65 Heating dBA 61.0 65 61.0 65 Sound pressure Cooling Low/Medium/High dBA 40.0/42.0/45.0 41/45/49 40.0/42.0/45.0 41/45/49 41/45/49 Low/Medium/High 40.0/42.0/45.0 40.0/42.0/45.0 41/45/49 dBA Heating Control systems Infrared remote control BRC7EA631 BRC7EA632 BRC7EA631 BRC7EA632 BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52 Wired remote control Hz/V 1~/50 /220-240 Power supply Phase/Frequency/Voltage **Outdoor unit RZAG** 71NV1 100NV1 71NY1 100NY1 HeightxWidthxDepth Dimensions Unit mm 870x1.100x460 Weight Unit 81 85 81 85 kg Sound power level Cooling dBA 64 66 64 66 Cooling Sound pressure dBA Nom. 46 47 46 47 Heating Nom. dBA 48 50 48 50 Ambient Min.~Max. °CDB Operation range Cooling °CWB -20~18 Heating Ambient Min.~Max Refrigerant Type/GWP R-32/675 kg/TCO2Eq 3.20/2.16 Charge Piping connections Liquid/Gas OD 9.52/15.9 mm OU - IU 85 85 Pipina Max. m 55 55 length System Equivalent m 75 100 100 Chargeless 40 m Additional refrigerant charge See installation manual kg/m Level difference IU - OU

1~/50 /220-240

20

32

Phase/Frequency/Voltage

Maximum fuse amps (MFA)

Hz/V

Α

Power supply

Current - 50Hz



## Wall mounted unit

#### For rooms with no false ceilings nor free floor space

- > Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- > Flat, stylish front panel blends easily within any interior décor and is easier to clean
- > Can easily be installed in both new and refurbishment projects
- > The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- > Maintenance operations can be performed easily from the front of the unit
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Efficiency data			FAA + RZASG	71B + 71MV1	100B + 100MV1	100B + 100MY1	
Cooling capacity	Nom.		kW	6.80	9.50	0	
Heating capacity	Nom.		kW	7.50	10.8	3	
Space cooling	Energy efficien	ıcy class		A++	A+		
	Capacity	Pdesign	kW	6.80	9.50	0	
	SEER			6.41	5.83	3	
	Annual energy	consumption	kWh/a	371	570	)	
Space heating (Average climate)	Energy efficien	ıcy class		A			
	Capacity	Pdesign	kW	4.50	6.00	0	
	SCOP/A			3.90	3.80	5	

kWh/a

	Annuai e	inual energy consumption			1,015	2,182		
Indoor unit				FAA	71B	100B		
Dimensions	Unit	Heightx\	WidthxDepth	mm	290x1,050x269	340x1,200x262		
Weight	Unit			kg	14.0	18		
Fan	Airflow rate	Cooling	Low/Medium/ High	m³/min	12.1/13.4/16.2	23.0/21.1/18.7		
		Heating	Low/Medium/ High	m³/min	12.7/14.2/16.9	23.0/20.9/18.7		
Sound power level	Cooling			dBA	61.0	65		
	Heating			dBA	61.0	65		
Sound pressure level	Cooling	g Low/Medium/High		dBA	40.0/42.0/45.0	41/45/49		
	Heating	Low/Med	dium/High	dBA	40.0/42.0/45.0	41/45/49		
Control systems	Infrared remote control				BRC7EA631	BRC7EA632		
	Wired remote control				BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52			

Power supply	Phase/Frequency/Voltage Hz/			Hz/V	/V 1~/50 /220-240				
Outdoor unit				RZASG	71MV1	100MV1	100MY1		
Dimensions	Unit HeightxWidthxDepth mm			mm	770x900x320	990x940x320			
Weight	Unit	t kg			60	70			
Sound power level	Cooling			dBA	65	7	0		
Sound pressure	Cooling	Cooling Nom.			46	46 53			
level	Heating	ating Nom. dBA			47	57			
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		
Piping connections	Liquid/ Gas				9.52/15.9				
	Piping length	OU-IU	Max.	m		50			
		ngth System	Equivalent	m	70				
			Chargeless	m	30				
	Additional refrigerant charge kg/m			kg/m	See installation manual				
	Level difference IU - OU Max.		m	30.0					
Power supply	Phase/Frequency/Voltage Hz/V			Hz/V	1~/50 /220-240 3~/50 /380-415				
Current - 50Hz	Maximum fuse amps (MFA) A			Α	20	25	16		



## Wall mounted unit

#### For rooms with no false ceilings nor free floor space

- > Ideal solution for small businesses and shops
- > Flat, stylish front panel blends easily within any interior décor and is easier to clean
- > Can easily be installed in both new and refurbishment projects
- The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- > Maintenance operations can be performed easily from the front of the unit
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FAA-R



ARXM-R



AZAS-MV1



AZAS-MY

Efficiency data				FAA	71B + ARXM71R	71B + AZAS71MV1	100B + AZAS100MV1	AZAS100B + 100MY1	
Cooling capacity	Nom.			kW	6.80	6.80	9	.50	
Heating capacity	Nom./			kW	7.50	7.50	1	0.8	
Power input	Cooling		Nom.	kW	2.00		-		
	Heating		Nom.	kW	2.35		-		
Space cooling	Energy efficiency class				, i	A+		A	
	Capacity	Capacity Pdesign kW			6.80		9.50		
	SEER			5	.77	5.25			
	Annual energy consumption kWh/a			kWh/a	412		633		
Space heating	Energy efficiency class					A			
(Average climate)	Capacity Pdesign kW			kW	4	4.50 6.00			
	SCOP/A						3.81		
	Annual e	nergy con	sumption	kWh/a	1,652	1,654	2,	205	
Indoor unit			•	FAA	,	1D	10	10B	
Dimensions	Unit	Heightyl	WidthxDepth	mm		<b>71B</b> 290x1.050x269		200x262	
Weight	Unit	Heightxi	widuixDeptil	mm kg		1.0		200x262 18	
vveignt Fan	Airflow	Cooling	Low/Medium/H			***		· <del>-</del>	
raii	rate				12.1/13.4/16.2 12.7/14.2/16.9		23.0/21.1/18.7		
Sound power level		Heating Low/Medium/		dBA			23.0/20.9/18.7 65		
Journa power level	Heating			dBA		61.0		65	
Sound pressure	Cooling			dBA		61.0 40.0/42.0/45.0		41/45/49	
level				40.0/42.0/45.0		41/45/49			
Control systems	Heating Low/Medium/High dBA Infrared remote control		BRC7EA631		BRC7EA632				
Control systems	Wired remote control				DNC/			EA032	
Power supply				Hz/V	BRC1H52W/S/K, BRC1E53A/B/C, BRC1D52 1~/50 /220-240				
rower suppry	wer supply Phase/Frequency/Voltage Hz/V					220-240	1		
Outdoor unit				ARXM	71R	71MV1	100MV1	100MY1	
Dimensions	Unit	Heightx\	WidthxDepth	mm	734x954x401	770x900x320	-	40x320	
Weight	Unit			kg	49.0	60	70		
Sound power level	Cooling			dBA	-	65	70		
Sound pressure	Cooling	Nom.		dBA	52.0	46	53		
evel	Heating	Nom.		dBA	52.0	47	:	57	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		-5~46		
	Heating	Heating Ambient Min.~Max. °CWB			-	E 15 150			
Refrigerant	Type/ GWP					R-32/675.0			
	Charge kg/TC02Eq		1.15/0.780	2.45/1.65 2.60/1.76		0/1.76			
Piping connections				mm	9.52/15.9				
	. '	OU-IU	Max.	m	30				
		System	Equivalent	m	-	50			
			Chargeless	m	-		30		
	Additional refrigerant charge kg/m				0.035 (for piping length exceeding 10m)		See installation manual		
Level difference IU - OU Max. m				20.0	30.0				
Power supply		equency/\		Hz/V		1~/50 /220-240		3~/50 /380-415	
Current - 50Hz	Maximur	n fuse amp	os (MFA)	A	-	20	25	16	



If you are a user or installer it is important you can **interact with our systems** in the easiest way, from **anywhere you are**. For any user our interfaces create **peace of mind** that their system is running in the best possible way.

Depending on the type of user and application Daikin develops controls and cloud services to ensure the best experience.

- For home owners it means app and voice control of their home comfort.
- For hotel owners it means easy and stylish personal control for guests, with an integration in hotel booking software for central control
- > For technical managers it means **cloud access** to all sites, with the possibility to benchmark, optimize performance
- For installers it means easy transfer of settings during commissioning, remote retrieval of errors and preventive alerts to save time on maintenance or interventions

Our controls enable you to **connect with your customer**, save time, improve your comfort intelligently and reduce energy bills.















## Remote monitoring

