

FAA-B / RZAG-N *SkyAir* Alpha-series



# Large Wall Mounted

## High-performance comfort with Daikin's most advanced commercial split system.

The Sky Air Alpha series is Daikin's premium solution for reliable, energy-efficient climate control in demanding business environments. With advanced features and flexible installation, it's ideal for large or complex commercial spaces that need consistent comfort and quiet operation.

### Sleek, space-saving design

The stylish wall-mounted indoor unit features a flat front panel that blends into modern interiors and is easy to clean. It's ideal for offices, meeting rooms and customer-facing areas. At just 17kg, it's lightweight and simple to install, with piping options on three sides for added flexibility.

### Maximum installation freedom

Designed for challenging layouts, the system supports pipe runs up to 85 metres and includes a standard 40-metre refrigerant holding charge. Perfect for retrofits or large properties where outdoor placement is limited.

### Smart, efficient performance

Daikin's in-house inverter compressors ensure precise and efficient operation. With Variable Refrigerant Temperature (VRT) control, the system adjusts in real-time to maintain stable room conditions, eliminating temperature swings and boosting energy savings.

### Built for all seasons

A refrigerant bottom pass prevents ice build-up in the outdoor unit, improving reliability in colder conditions. External static pressure settings up to 45 Pa give installers the flexibility to meet a range of ducting and ventilation needs.

### Easy control and maintenance

The unit is compatible with the Daikin Onecta app and optional Wi-Fi adapter, making remote management straightforward. Front-panel access allows fast, hassle-free maintenance to minimise disruption to business operations.



FAA-B



BRC7EA631/2 (optional)



RZAG71-140N

Madoka BRC1H52W



WI-FI CONTROL VIA APP



WI-FI ADAPTOR

AVAILABLE AS AN OPTION





# FAA-B / RZAG-N *SkyAir* Alpha-series

**R-32** BLUEEVOLUTION

Indoor Units			Single Phase		3 Phase	
			FAA71B	FAA100B	FAA71B	FAA100B
Capacity	UK Total Cooling	kW	7.76	10.85	7.76	10.85
	UK Sensible Cooling	kW	5.32	7.44	5.32	7.44
	Nominal Cooling	kW	6.8	9.5	6.8	9.5
	Nominal Heating	kW	7.5	10.8	7.5	10.8
	Energy Label		A++	A++	A++	A++
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	6.8	9.5	6.8	9.5
	SEER		6.58	6.42	6.58	6.42
	Annual Energy Consumption	kWh	362	518	362	518
	Energy Label		A+	A+	A+	A+
Seasonal Efficiency (EN14825) HEATING	Pdesign	kW	4.7	7.8	4.7	7.8
	SCOP		4.2	4.01	4.2	4.01
	Annual Energy Consumption	kWh	1567	2723	1567	2723
	Energy Label		A+	A+	A+	A+
Air Flow Rate (Cooling)	High / Med / Low	m <sup>3</sup> /min	16.2 / 13.4 / 12.1	23.0 / 21.1 / 18.7	16.2 / 13.4 / 12.1	23.0 / 21.1 / 18.7
Dimensions	Height	mm	290	340	290	340
	Width	mm	1050	1200	1050	1200
	Depth	mm	269	262	269	262
Weight		kg	14	18	14	18
Sound Pressure (Cooling)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Pressure (Heating)	High / Med / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Power (Cooling)		dBA	61	65	61	65

Outdoor Units			RZAG71NV1	RZAG100NV1	RZAG71NY1	RZAG100NY1
Dimensions	Height x Width x Depth	mm	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460	870 x 1100 x 460
Weight		kg	81	85	81	85
Electrical Details	Power Supply		1ph	1ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.5	21.3	10.9	14.0
	Max Fuse Size	A	20	32	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	55	85	55	85
	Maximum Vertical Rise	m	30	30	30	30
	Precharged to	m	40	40	40	40
	Additional charge	g/m	35	35	35	35
	Holding charge	kg	3.2	3.2	3.2	3.2
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 44	47 / 45	46 / 44	47 / 45
Sound Pressure (Heating)	Nom / Night Quiet	dBA	48 / 44	50 / 45	48 / 44	50 / 45
Sound Power (Cooling)		dBA	64	66	64	66
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-20 / 18	-20 / 18	-20 / 18	-20 / 18
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /min	68.0	67.0	68.0	67.0

## Notes & Features:

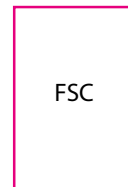
- > Three fan speed
- > Automatic airflow volume control based on difference between set and room temperature
- > Dry programme: reduces humidity in the room
- > Comms, computer and server room cooling with EDP settings (Alpha only)

## Accessories:

Accessory Ref	Description
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App
BRC1H52W	Wired touch screen remote controller – White
BRC1H52S	Wired touch screen remote controller – Silver
BRC1H52K	Wired touch screen remote controller – Black
BRC7EA631	Wireless remote controller for class 71
BRC7EA632	Wireless remote controller for class 100
K.CGM	Condensing unit guard (1150 x 1150 x 650)
K.CWBXL	Wall bracket (250kg, 660mm support arm)
K.DT2	Condensate drip tray for use with K.CWBXL
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit

Accessory Ref	Description
K.RSS	Wireless room mounted temperature sensor and receiver
KLIC-DL_V2	KNX Interface for Sky Air and VRV systems
KRCS01-4	Remote room mounted temperature sensor
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting
RS-SE	Service and configuration tool for K.RSS
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV
EKM BPP1 and UK.FB2	Modbus interface PCB for Sky Air and VRV

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