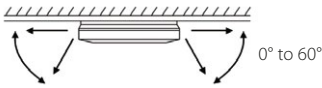




# 4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

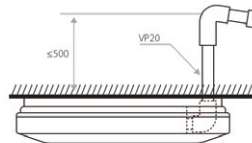
- > Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- > Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- > Can easily be installed in both new and refurbishment projects
- > Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- > 5 different discharge angles between 0 and 60° can be programmed via the remote control
- > Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- > Optimum comfort guaranteed with automatic air flow adjustment to the required load



- > **NEW** RZAG-A mini Sky Air Alpha-series includes technical cooling function
- > **NEW** New single fan Sky Air Alpha-series range!



- > Standard drain pump with 500mm lift increases flexibility and installation speed



Efficiency data		FUA + RZAG	71A + 71NV1	100A + 100NV1	125A + 125NV1	71A + 71NY1	100A + 100NY1	125A + 125NY1		
Cooling capacity	Nom.	kW	6.80	9.50	12.1	6.80	9.50	12.1		
Heating capacity	Nom.	kW	7.50	10.8	13.5	7.50	10.8	13.5		
Space cooling	Energy efficiency class		A++		-	A++		-		
	Capacity	Pdesign	kW	6.80	9.50	12.1	6.80	9.50	12.1	
	SEER		7.02	6.42	6.39	7.02	6.42	6.39		
	ηs,c		%	-	-	253	-	253		
	Annual energy consumption		kWh/a	339	518	1,136	339	518	1,136	
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		4.20	4.50	4.26	4.20	4.50	4.26		
	ηs,h		%	-	-	167	-	167		
	Annual energy consumption		kWh/a	1,567	2,427	3,129	1,567	2,427	3,129	
<b>Indoor unit</b>		<b>FUA</b>	<b>71A</b>	<b>100A</b>	<b>125A</b>	<b>71A</b>	<b>100A</b>	<b>125A</b>		
Dimensions	Unit	HeightxWidthxDepth	198x950x950							
Weight	Unit	kg	25.0	26.0		25.0	26.0			
Air filter	Type	Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dB(A)	59	64	65	59	64	65
	Heating			dB(A)	59	64	-	59	64	-
Sound pressure level	Cooling	Low/High		dB(A)	35/41	39/46	40/47	35/41	39/46	40/47
	Heating	Low/High		dB(A)	35/41	39/46	40/47	35/41	39/46	40/47
Control systems	Wired remote control	BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage	Hz/V	-/-/-							
<b>Outdoor unit</b>		<b>RZAG/RZAG</b>	<b>71NV1</b>	<b>100NV1</b>	<b>125NV1</b>	<b>71NY1</b>	<b>100NY1</b>	<b>125NY1</b>		
Dimensions	Unit	HeightxWidthxDepth	870x1,100x460							
Weight	Unit	kg	70	92		70	92			
Sound power level	Cooling		dB(A)	64	66	69	65	66	69	
	Heating		dB(A)	-	-	69	-	-	69	
Sound pressure level	Cooling	Nom.	dB(A)	46	47	50	46	47	50	
	Heating	Nom.	dB(A)	49	51	52	49	51	52	
Operation range	Cooling	Ambient	Min.~Max.	°CDB						
	Heating	Ambient	Min.~Max.	°CWB						
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							
	Piping length	OU - IU	Max.	m		m		m		
		System	Equivalent	m		m		m		
		Chargeless	m							
		Additional refrigerant charge	kg/m							
	Level difference	IU - OU	Max.							
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.

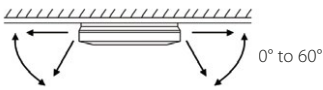
\*Note: blue cells contain preliminary data



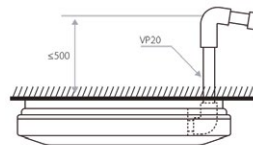
# 4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load



› Standard drain pump with 500mm lift increases flexibility and installation speed



Efficiency data		FUA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	
Cooling capacity	Nom.	kW	6.80	9.50	12.1	6.80	9.50	12.1	
Heating capacity	Nom.	kW	7.50	10.8	13.5	7.50	10.8	13.5	
Space cooling	Energy efficiency class		A++		-	A++		-	
	Capacity	Pdesign	kW	6.80	9.50	12.1	6.80	9.50	
	SEER			7.02	6.42	6.39	7.02	6.42	
	ηs,c		%	-	-	253	-	253	
	Annual energy consumption		kWh/a	339	518	1,136	339	518	
Space heating (Average climate)	Energy efficiency class		A+		-	A+		-	
	Capacity	Pdesign	kW	4.70	7.80	9.52	4.70	7.80	
	SCOP/A			4.20	4.50	4.26	4.20	4.50	
	ηs,h		%	-	-	167	-	167	
	Annual energy consumption		kWh/a	1,567	2,427	3,129	1,567	2,427	
Indoor unit		FUA	71A	100A	125A	71A	100A	125A	
Dimensions	Unit	HeightxWidthxDepth	mm					198x950x950	
Weight	Unit		kg	25.0	26.0	25.0	26.0		
Air filter	Type		Resin net						
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	16.0/19.5 /23.0	20.0/25.5 /31.0
Sound power level	Cooling		dBA	59	64	65	59	64	
	Heating		dBA	59	64	-	59	64	
Sound pressure level	Cooling	Low/High	dBA	35/41	39/46	40/47	35/41	39/46	
	Heating	Low/High	dBA	35/41	39/46	40/47	35/41	39/46	
Control systems	Wired remote control		BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52						
Power supply	Phase/Frequency/Voltage		Hz/V					-/-/-	
Outdoor unit		RZAG/RZAG	71MV1	100MV1	125MV1	71MY1	100MY1	125MY1	
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	65	66	
	Heating		dBA	-	-	69	-	69	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	46	47	
	Heating	Nom.	dBA	49	51	52	49	51	
Operation range	Cooling	Ambient	Min.~Max.	°CDB				-20~52	
	Heating	Ambient	Min.~Max.	°CWB				-20~18.0	
Refrigerant	Type/GWP		R-32/675						
Piping connections	Charge		kg/TCO2Eq	2.95/1.99	3.75/2.53	2.95/1.99	3.75/2.53		
	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			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	32		16		

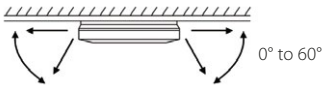
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.



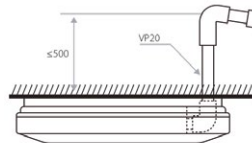
# 4-way blow ceiling suspended unit

Unique Daikin unit for high 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
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load



› Standard drain pump with 500mm lift increases flexibility and installation speed



Efficiency data				FUA + RZASG	71A + 71MV1	100A + 100MV1	125A + 125MV1	100A + 100MY1	125A + 125MY1
Cooling capacity	Nom.		kW	6.80	9.50	12.1	9.50	12.1	
Heating capacity	Nom.		kW	7.50	10.8	13.5	10.8	13.5	
Space cooling	Energy efficiency class			A++	A+	-	A+	-	
	Capacity	Pdesign	kW	6.80	9.50	12.1	9.50	12.1	
	SEER			6.16	5.83	5.49	5.83	5.49	
	ηs,c		%	-	-	217	-	217	
	Annual energy consumption		kWh/a	386	570	1,322	570	1,322	
Space heating (Average climate)	Energy efficiency class			A	A+	-	A+	-	
	Capacity	Pdesign	kW	4.50		6.00			
	SCOP/A			3.90	4.01	3.84	4.01	3.84	
	ηs,h		%	-	-	151	-	151	
	Annual energy consumption		kWh/a	1,615	2,095	2,188	2,095	2,188	
Indoor unit				FUA	71A	100A	125A	100A	125A
Dimensions	Unit	HeightxWidthxDepth	mm				198x950x950		
Weight	Unit		kg	25.0			26.0		
Air filter	Type						Resin net		
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
		Heating	Low/Medium/High	m³/min	16.0/19.5 /23.0	20.0/25.5 /31.0	20.5/26.5 /32.5	20.0/25.5 /31.0	20.5/26.5 /32.5
Sound power level	Cooling			dBA	59	64	65	64	65
	Heating			dBA	59	64	-	64	-
Sound pressure level	Cooling	Low/High		dBA	35/41	39/46	40/47	39/46	40/47
	Heating	Low/High		dBA	35/41	39/46	40/47	39/46	40/47
Control systems	Wired remote control						BRC1H519W/S/K7/ BRC1E53A/B/C / BRC1D52		
Power supply	Phase/Frequency/Voltage		Hz/V				-/-/-		
Outdoor unit				RZASG/RZASG	71MV1	100MV1	125MV1	100MY1	125MY1
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320			990x940x320		
Weight	Unit		kg	60			70		
Sound power level	Cooling			dBA	65	70	71	70	71
	Heating			dBA	-	-	71	-	71
Sound pressure level	Cooling	Nom.		dBA	46			53	
	Heating	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		
Piping connections	Charge			kg/CO2Eq	2.45/1.65			2.60/1.76	
	Liquid/Gas	OD		mm			9.52/15.9		
	Piping length	OU - IU	Max.		m			50	
		System	Equivalent		m			70	
			Chargeless		m			30	
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	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.