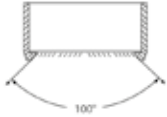


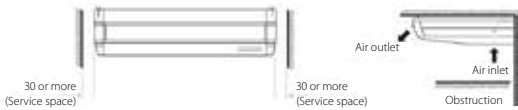
Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



NEW
RZAG-A mini
Sky Air Alpha-series includes
technical cooling
function!

Efficiency data		FHA + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A9 + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1				
Cooling capacity	Nom.	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4				
Heating capacity	Nom.	kW	4,0	5,8	7,0	7,50	10,8	13,5	15,5	7,50	10,8	13,5	15,5				
Space cooling	Energy efficiency class		A++			A++			-		A++			-			
	Capacity	Pdesign	kW	3,5	5,0	6,0	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4			
	SEER		6,4	6,8	6,6	7,11	6,42	8,22	6,42	7,11	6,42	8,22	6,42				
	ηs,c	%	-	-	-	-	-	326	254	-	-	326	254				
	Annual energy consumption	kWh/a	-	-	-	335	518	883	1,252	335	518	883	1,252				
Space heating (Average climate)	Energy efficiency class		A+			A+		-		A+		A++		-			
	Capacity	Pdesign	kW	3,1	4,0	4,6	4,70	7,80	9,52		4,70	7,80	9,52				
	SCOP/A		4,1	4,3	4,2	4,32	4,61	4,09	4,30	4,32	4,61	4,09	4,30				
	ηs,h	%	-	-	-	-	-	161	169	-	-	161	169				
	Annual energy consumption	kWh/a	-	-	-	1,523	2,369	3,259	3,100	1,523	2,369	3,259	3,100				
Indoor unit		FHA	35A	50A	60A	71A9	100A	125A	140A	71A9	100A	125A	140A				
Dimensions	Unit	HeightxWidthxDepth	235x960x690		235x1,270x690	235x960x690	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690					
Weight	Unit	kg	24,0	31,0	25,0	32,0	38,0			32,0	38,0						
Air filter	Type		Resin net														
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min			10,0/11,5/14,0	11,5/15,0/19,5	10,0/12,0/15,0	14,0/17,0/20,5	20,0/24,0/28,0	23,0/27,0/31,0	24,0/29,0/34,0	14,0/17,0/20,5	20,0/24,0/28,0	23,0/27,0/31,0	24,0/29,0/34,0
		Heating	Low/Medium/High	m³/min			10,0/11,5/14,0	11,5/15,0/19,5	10,0/12,0/15,0	14,0/17,0/20,5	20,0/24,0/28,0	23,0/27,0/31,0	24,0/29,0/34,0	14,0/17,0/20,5	20,0/24,0/28,0	23,0/27,0/31,0	24,0/29,0/34,0
Sound power level	Cooling			dBA			53	54	55	60	62	64	55	60	62	64	
Sound pressure level	Cooling	Low/High		dBA			31/36	33/37	32/37	34/38	34/42	37/44	38/46	34/38	34/42	37/44	38/46
	Heating	Nom./High		dBA			34/36	35/37	36/38	38/42	41/44	42/46	36/38	38/42	41/44	42/46	
Control systems	Infrared remote control		BRC7GA53 / BRC7GA56														
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52														
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240														
Outdoor unit		RZAG	35A	50A	60A	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1				
Dimensions	Unit	HeightxWidthxDepth	734x870x373			990x940x320	1,430x940x320			990x940x320	1,430x940x320						
Weight	Unit	kg	52			70	92			70	92						
Sound power level	Cooling		dBA			62	63	64	64	66	69	70	66	69	70		
	Heating		dBA			62	63	64	-	69	70	-	69	70			
Sound pressure level	Cooling	Nom.	dBA			48	49	50	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA			48	49	50	49	51	52	49	51	52			
Operation range	Cooling	Ambient	Min.~Max.	°CDB			-20 / +52			-20~52							
	Heating	Ambient	Min.~Max.	°CWB			-20 / +24			-20~18,0							
Refrigerant	Type/GWP		R32 / 675			R-32/675											
	Charge	kg/TCO2Eq	1,55/1,05			2,95/1,99	3,75/2,53			2,95/1,99	3,75/2,53						
Piping connections	Liquid/Gas	OD	mm			6,4 / 9,52	6,4/12,7		9,52/15,9								
	Piping	OU - IU	Max.	m			50	55	85		55	85					
	length	System	Equivalent	m			50	75	100		75	100					
		Chargeless		m			30	40									
		Additional refrigerant charge		kg/m			See installation manual										
	Level difference	IU - OU	Max.	m			30	30,0									
Power supply	Phase/Frequency/Voltage	Hz/V	Single / 50 / 230			1~/50/220-240			3~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	16	16	20	20	32			16							

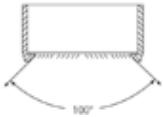
(1) MFA is used to select the circuit breaker and the ground fault circuit interrupter(earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.

*Note: blue cells contain preliminary data

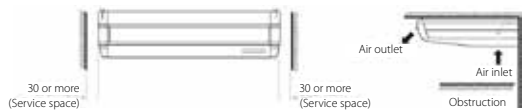
Ceiling suspended unit

For wide 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
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



Efficiency data		FHA + RZASG		71A9 + 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+								
	Capacity	Pdesign	kW	6.80	9.50	12.1	13.4	9.50	12.1	13.4	
	SEER			5.95	5.83	5.88	5.83	5.83	5.83	5.88	
	ηs,c		%	-	-	230	232	-	230	232	
	Annual energy consumption		kWh/a	400	570	1,246	1,368	570	1,246	1,368	
Space heating (Average climate)	Energy efficiency class		A								
	Capacity	Pdesign	kW	4.50	6.00	7.80	7.80	6.00	6.00	7.80	
	SCOP/A			3.90	3.91	3.83	3.81	3.91	3.83	3.81	
	ηs,h		%	-	-	150	149	-	150	149	
	Annual energy consumption		kWh/a	1,616	2,148	2,193	2,866	2,148	2,193	2,866	
Indoor unit		FHA		71A9	100A	125A	140A	100A	125A	140A	
Dimensions	Unit	HeightxWidthxDepth	mm	235x1,270x690							
Weight	Unit		kg	32.0						38.0	
Air filter	Type			Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	14.0/17.0 /20.5	20.0/24.0/28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
		Heating	Low/Medium/High	m ³ /min	14.0/17.0 /20.5	20.0/24.0/28.0	23.0/27.0 /31.0	24.0/29.0 /34.0	20.0/24.0 /28.0	23.0/27.0 /31.0	24.0/29.0 /34.0
Sound power level	Cooling			dBA	55	60	62	64	60	62	64
Sound pressure level	Cooling	Low/High		dBA	34/38	34/42	37/44	38/46	34/42	37/44	38/46
	Heating	Nom./High		dBA	36/38	38/42	41/44	42/46	38/42	41/44	42/46
Control systems	Infrared remote control		BRC7G53								
	Wired remote control		BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage		Hz/V								
				1~/50/220-240							
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			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	-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		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								
	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.

Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects



Efficiency data				FHA + RXM	35A9 + 35M9	50A9 + 50M9	60A9 + 60M9	
Cooling capacity	Nom.		kW	3.40	5.00	5.70		
Heating capacity	Nom.		kW	4.00	6.00	7.20		
Power input	Cooling	Nom.	kW	0.91	1.56	1.73		
	Heating	Nom.	kW	0.98	1.79	2.17		
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class		A++	A+			
		Pdesign	kW	3.40	5.00	5.70		
		SEER		6.24	5.92	6.08		
		Annual energy consumption	kWh	191	295	328		
	Heating (Average climate)	Energy efficiency class		A+	A			
		Pdesign	kW	3.10	4.35	4.71		
		SCOP/A		4.43	3.86	3.87		
		Annual energy consumption	kWh	979	1,578	1,704		
Indoor unit				FHA	35A9	50A9	60A9	
Dimensions	Unit	HeightxWidthxDepth		mm	235x960x690		235x1,270x690	
Weight	Unit			kg	24.0	25.0	31.0	
Air filter	Type				Resin net			
Fan	Air flow rate	Cooling	Low/Medium/High	m ³ /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	
		Heating	Low/Medium/High	m ³ /min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	
Sound power level	Cooling			dBA	53	54		
Sound pressure level	Cooling	Low/High			dBA	31/36	32/37	33/37
	Heating	Nom./High			dBA	34/36	35/37	
Control systems	Infrared remote control				BRC7G53			
	Wired remote control				BRC1H519W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240			
Outdoor unit				RXM	35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth		mm		-		
Weight	Unit			kg		-		
Sound power level	Cooling			dBA	61	62.0	63.0	
	Heating			dBA	61	62.0	63.0	
Sound pressure level	Cooling	Nom.			dBA	49	48.0	
	Heating	Nom.			dBA		49	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~-50			
	Heating	Ambient	Min.~Max.	°CWB	-20~-24			
Refrigerant	Type				R-32			
	GWP				675.0			
	Charge			kg/CO2Eq	-			
Piping connections	Liquid	OD			mm	-		
	Gas	OD			mm	-		
	Piping length	OU - IU	Max.			m	-	
		System	Chargeless			m	-	
	Additional refrigerant charge				kg/m	-		
	Level difference IU - OU			Max.	m	-		
Power supply	Phase/Frequency/Voltage		Hz/V		1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	-			

(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

