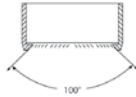


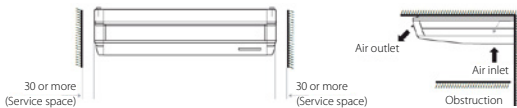
Ceiling suspended unit

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



- › Reduced energy consumption thanks to specially developed DC fan motor



- › 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 + RZAG	35A9 + 35A	50A9 + 50A	60A9 + 60A	71A9 + 71NV1	100A + 100NV1	125A + 125NV1	140A + 140NV1	71A9 + 71NY1	100A + 100NY1	125A + 125NY1	140A + 140NY1	
Cooling capacity	Min./Nom./Max.	kW	1.7/3.5/4.5	1.7/5.0/6.0	1.9/6.0/6.8	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	-/6.80/-	-/9.50/-	-/12.1/-	-/13.4/-	
Heating capacity	Min./Nom./Max.	kW	1.40/4.00/5.50	1.70/5.80/6.50	1.70/7.00/7.50	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.50/-	-/10.8/-	-/13.5/-	-/15.5/-	
Space cooling	Energy efficiency class		A++						-		A++			
	Capacity	Pdesign	kW	3.50	5.00	6.00	6.80	9.50	12.1	13.4	6.80	9.50	12.1	13.4
	SEER			6.40	6.80	6.60	7.11	6.42	7.14	6.42	7.11	6.42	7.14	6.42
	ηs,c		%	-						283	254	-		283
	Annual energy consumption	kWh/a	191	257	318	335	518	1,017	1,253	335	518	1,017	1,253	
Space heating (Average climate)	Energy efficiency class		A+				A++		-		A+		A++	
	Capacity	Pdesign	kW	3.10	4.00	4.60	4.70	7.80	9.52		4.70	7.80	9.52	
	SCOP/A			4.10	4.30	4.20	4.32	4.61	4.09	4.30	4.32	4.61	4.09	4.30
	ηs,h		%	-						161	169	-		161
	Annual energy consumption	kWh/a	1,058	1,302	1,633	1,523	2,369	3,259	3,100	1,523	2,369	3,259	3,100	

Indoor unit		FHA	35A9	50A9	60A9	71A9	100A	125A	140A		
Dimensions	Unit HeightxWidthxDepth	mm	235x960x690			235x1,270x690		235x1,590x690			
Weight	Unit	kg	24	25	31	32	38.0				
Air filter	Type		Resin net								
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5	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	10.0/12.0/15.0	11.5/15.0/19.5	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	53.0	54.0		55.0	60	62	64	
Sound pressure level	Cooling	Low/High	dBA	31.0/36.0	32.0/37.0	33.0/37.0	34.0/38.0	34/42	37/44	38/46	
	Heating	Nom./High	dBA	34.0/36.0	35.0/37.0		36.0/38.0	38/42	41/44	42/46	
Control systems	Infrared remote control		BRC7GA53-9								
	Wired remote control		BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52								
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240								

Outdoor unit		RZAG	35A	50A	60A	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1		
Dimensions	Unit HeightxWidthxDepth	mm	734x870x373						870x1,100x460						
Weight	Unit	kg	52			81	85	95		81	85	94			
Sound power level	Cooling		dBA	62.0	63.0	64.0		66	69	70	64	66	69	70	
	Heating		dBA	62.0	63.0	64.0	-	68	71	-	68	71			
Sound pressure level	Cooling	Nom.	dBA	48.0	49.0	50.0	46	47	49	50	46	47	49	50	
	Heating	Nom.	dBA	48.0	49.0	50.0	48	50	52		48	50	52		
Operation range	Cooling	Ambient	Min.~Max.	°CDB				-20~52							
	Heating	Ambient	Min.~Max.	°CWB				-20~24		-20~18					
Refrigerant	Type/GWP		R-32/675.0						R-32/675						
	Charge	kg/CO2Eq	1.55/1.05			3.20/2.16		3.70/2.50		3.20/2.16		3.70/2.50			
Piping connections	Liquid/Gas	OD	mm	64/9.50		64/12.7		952/15.9							
	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	0.02 (for piping length exceeding 30m)						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	16			20		32		16					

Ceiling suspended unit

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- › 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+		-		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	5.88	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		-		A		-		
	Capacity	Pdesign	kW	4.50	6.00	7.80	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		235x1,590x690					
Weight	Unit		kg	32	38.0						
Air filter	Type			Resin net							
Fan	Air flow rate	Cooling	Low/Medium/High	m³/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	m³/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			dB(A)	55.0	60	62	64	60	62	64
Sound pressure level	Cooling	Low/High		dB(A)	34.0/38.0	34/42	37/44	38/46	34/42	37/44	38/46
	Heating	Nom./High		dB(A)	36.0/38.0	38/42	41/44	42/46	38/42	41/44	42/46
Control systems	Infrared remote control			BRC7GA53-9							
	Wired remote control			BRC1H519W7/S7/K7 / 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		990x940x320					
Weight	Unit		kg	60	70	78	70	71	77		
Sound power level	Cooling			dB(A)	65	70	71	70	71	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	-15~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~-15.5						
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	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				

Wall mounted unit

For wide rooms with no false ceilings nor free floor space

- › Combination with split outdoor units is ideal for small retail, offices and 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
- › 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 + RXM	35A9 + 35N9	35A9 + 35N9	50A9 + 50N9	60A9 + 60N9	
Cooling capacity	Nom.	kW	3.40		5.00	5.70	
Heating capacity	Nom.	kW	4.00		6.00	7.20	
Space cooling	Energy efficiency class		A++			A+	
	Capacity	Pdesign	kW	3.40		5.70	
	SEER			6.24		6.08	
	ηs,c		%		-		
	Annual energy consumption		kWh/a	191		295	328
Space heating (Average climate)	Energy efficiency class		A+			A	
	Capacity	Pdesign	kW	3.10		4.35	4.71
	SCOP/A			4.43		3.86	3.87
	ηs,h		%		-		
	Annual energy consumption		kWh/a	979		1,578	1,704
Indoor unit		FHA	35A9	35A9	50A9	60A9	
Dimensions	Unit	HeightxWidthxDepth	mm				
			235x960x690				
Weight	Unit		24		25	31	
Air filter	Type		Resin net				
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5
		Heating	Low/Medium/High	m³/min	10.0/11.5/14.0	10.0/12.0/15.0	11.5/15.0/19.5
Sound power level	Cooling			dBA	53.0		54.0
Sound pressure level	Cooling	Low/High		dBA	31.0/36.0		33.0/37.0
	Heating	Nom./High		dBA	34.0/36.0		35.0/37.0
Control systems	Infrared remote control		BRC7GA53-9				
	Wired remote control		BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52				
Power supply	Phase/Frequency/Voltage		Hz/V				
			1~/50/220-240				
Outdoor unit		RXM	35N9	35N9	50N9	60N9	
Dimensions	Unit	HeightxWidthxDepth	550x765x285		734x870x373		
Weight	Unit		32		50		
Sound power level	Cooling		61		62		
	Heating		61		62		
Sound pressure level	Cooling	Nom.	49		48		
	Heating	Nom.			49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB			
	Heating	Ambient	Min.~Max.	°CWB			
Refrigerant	Type		R-32				
	GWP		675				
Piping connections	Charge		kg/CO2Eq		1.15/0.78		
	Liquid	OD	mm		6.35		
	Gas	OD	mm		12.7		
	Piping length	OU - IU	Max.	m			
		System	Chargeless	m			
	Additional refrigerant charge		kg/m				
			0.02 (for piping length exceeding 10m)				
	Level difference	IU - OU	Max.	m			
			15			20	
Power supply	Phase/Frequency/Voltage		Hz/V				
			1~/50/220-240				
Current - 50Hz	Maximum fuse amps (MFA)		A				
			-				