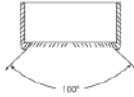


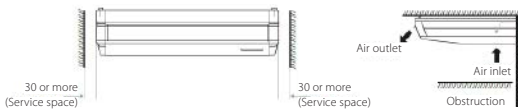
# Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

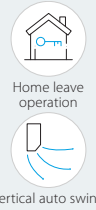
- Combining with Sky Air Advance-series ensures good value for money for all types of commercial applications
- Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- 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



Efficiency data		FHA + RZAG	35A9+35B	50A9+50B	60A9+60B	71A9+71NV1	100A+100NV1	125A+125NV1	140A+140NV1	71A9+71NY1	100A+100NY1	125A+125NY1	140A+140NY1	
Cooling capacity	Min./Nom./Max.	kW	1.70/3.50/4.50	1.70/5.00/6.00	1.90/6.00/6.80	-/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+++ -> D)											
	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	254
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+++ -> D)				A+ (A+++>D)		-		A+ (A+++>D)		A+ (A+++>D)	
	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	4.20	4.30	4.32	4.61	4.20	4.30
	ηs,h	%							165	169			165	169
Annual energy consumption		kWh/a	1,058	1,302	1,633	1,523	2,369	3,174	3,100	1,523	2,369	3,174	3,100	

Indoor unit		FHA	35A9	50A9	60A9	71A9	100A	125A	140A	71A9	100A	125A	140A
Dimensions	Unit	HeightxWidthxD	235x960x690		235x1,270x690		235x1,590x690			235x1,270x690		235x1,590x690	
Weight	Unit		26	27	32	34	41			34		41	
Air filter	Type		Resinnet										
Fan	Air flow rate	Cooling	Low/Medium/High	m³/min									
	Heating	Low/Medium/High	m³/min										
Sound power level	Cooling		53.0	54.0	55.0	60.0	62.0	64.0	55.0	60.0	62.0	64.0	
	Heating		53.0	54.0	55.0	60.0	62.0	64.0	55.0	60.0	62.0	64.0	
Sound pressure level	Cooling	Low/High	31.0/36.0	32.0/37.0	33.0/37.0	34.0/38.0	34.0/42.0	37.0/44.0	38.0/46.0	34.0/38.0	34.0/42.0	37.0/44.0	38.0/46.0
	Heating	Nom./High	34.0/36.0	35.0/37.0	36.0/38.0	38.0/42.0	41.0/44.0	42.0/46.0	36.0/38.0	38.0/42.0	41.0/44.0	42.0/46.0	
Control systems	Infrared remote control		BRC7GA53-9 / BRC7GA56										
	Wired remote control		BRC1D528 / BRC1H51(9)W/S/K7 / BRC1H52W/S/K / BRC1H81W7 / BRC1H81S7 / BRC1E53A/B/C7 / BRC1H82W/S/K										
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/60/220-240/220										
Piping connections	Drain		VP20										

Outdoor unit		RZAG	35B	50B	60B	71NV1	100NV1	125NV1	140NV1	71NY1	100NY1	125NY1	140NY1	
Dimensions	Unit	HeightxWidthxD	734x870x373				870x1,100x460							
Weight	Unit		52				81	85	95		81	85	94	
Sound power level	Cooling		62.0	63.0	64.0	64	66	69	70	64	66	69	70	
	Heating		62.0	63.0	64.0			68	71			68	71	
Sound pressure level	Cooling	Nom.	48.0	49.0	50.0	46	47	49	50	46	47	49	50	
	Heating	Nom.	48.0	49.0	50.0	48	50	52		48	50	52		
Operation range	Cooling	Ambient	Min.~Max.		°CDB		-20 ~ 52		-20 ~ 52					
	Heating	Ambient	Min.~Max.		°CWB		-20 ~ 24		-20 ~ 18					
Refrigerant	Type/GWP		R-32/675.0											
	Charge	kg/TCO2Eq	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	6.35/9.50		6.35/12.7		10/15.9							
	Piping length	OU - IU	Max.	50		55		85		55		85		
		System	Equivalent	-		75		100		75		100		
		Chargeless	30		40									
	Level difference	IU - OU	Max.		30.0		30							
	Additional refrigerant charge	kg/m	0.02 (for piping length exceeding 30m)				See installation manual							
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	

Contains fluorinated greenhouse gases

# 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 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



FHA-A(9)



RXM-A



RXM-A8



RXM-A9

Efficiency data		FHA + RXM	35A9 + 35A9	50A9 + 50A8	60A9 + 60A	
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+++ -> D)		A+ (A+++ -> D)	
	Capacity	Pdesign	kW	3.40	5.00	5.70
	SEER			6.31	5.84	6.08
	Annual energy consumption		kWh/a	189	300	328
Space heating (Average climate)	Energy efficiency class		A+ (A+++ -> D)		A (A+++ -> D)	
	Capacity	Pdesign	kW	3.10	4.35	4.71
	SCOP/A			4.48	3.82	3.87
	Annual energy consumption		kWh/a	968	1,594	1,704

Indoor unit				FHA	35A9	50A9	60A9
Dimensions	Unit	HeightxWidthxDpeth		mm	235x960x690	235x960x690	235x1,270x690
Weight	Unit			kg	26	27	32
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	
	Heating			dBA	53.0	54.0	
Sound pressure level	Cooling	Low/Medium/High		dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0
	Heating	Medium/Nom./High		dBA	31.0/34.0/36.0	32.0/35.0/37.0	33.0/35.0/37.0
Control systems	Infrared remote control			BRC7GA53-9 / BRC7GA56			
	Wired remote control			BRC1H52W/S/K / BRC1E53A/B/C / BRC1D52			
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		

Outdoor unit				RXM	NEW 35A9	NEW 50A8	NEW 60A	
Dimensions	Unit	HeightxWidthxDpeth		mm	610x923x367		734x954x401	
Weight	Unit			kg	36	40	49.0	
Sound pressure level	Cooling	Nom.		dBA	47.0	48.0		
	Heating	Nom.		dBA		49.0		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~-46			
	Heating	Ambient	Min.~Max.	°CWB	-15~-18			
Refrigerant	Type				R-32			
	GWP				675	675.0		
Piping connections	Charge			kg/TCO2Eq	0.95/0.65		1.15/0.780	
	Liquid	OD			mm	6.35		
	Gas	OD			mm	9.52	12.7	
	Piping length	OU - IU	Max. System Chargeless		m	20	30	
	Additional refrigerant charge				kg/m	0.02 (for piping length exceeding 10m)		
	Level difference IU - OU		Max.		m	15	20.0	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240			
Current - 50Hz	Maximum fuse amps (MFA)			A	13		16	

Contains fluorinated greenhouse gases