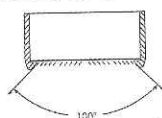


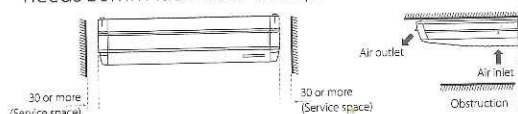
Ceiling suspended unit

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+		-		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	
	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							
Weight	Unit			kg	32.0							
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			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							
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	9.52/15.9							
	Piping	OU - IU	Max.	m	50							
	length	System	Equivalent	m	70							
			Chargeless	m	30							
	Additional refrigerant charge			kg/m	See installation manual							
Power supply	Level difference IU - OU			Max.	m	30.0						
	Phase/Frequency/Voltage			Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25		32		3~/50/380-415	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	
	Heating (Average climate)	SEER		6.24	5.92	6.08	
		Annual energy consumption	kWh	191	295	328	
		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	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	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		
Piping connections	Charge		kg/TCO2Eq		-		
	Liquid	OD	mm		-		
	Gas	OD	mm		-		
	Piping length	OU - IU	Max. 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