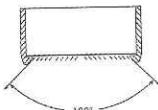


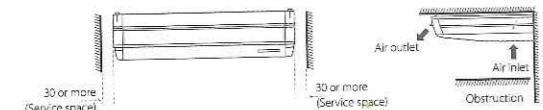
Ceiling suspended unit

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	5.88	5.83	5.88	
η _{sc}	%		-	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
η _{sh}	%		-	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	235x1,270x690		235x1,590x690				
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
		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
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
	Heating	Nom./High	dBA	36/38	38/42	41/44	42/46	38/42	41/44
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				
	RZASG/RZASG	71MV1	100MV1	125MV1	140MV1	100MY1	125MY1	140MY1	
Outdoor unit	Dimensions	Unit	HeightxWidthxDepth	770x900x320		990x940x320			
Weight	Unit	kg	60	70	78	70	71	73	
Sound power level	Cooling	dBA	65	70	71	73	-	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		50				
	Piping length	OU - IU	Max.	m		70			
	System	Equivalent	m			30			
	Chargeless	m							
	Additional refrigerant charge	kg/m			30.0				
	Level difference IU - OU	Max.	m						
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		

(i) 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
- 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 + 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++		
	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	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
	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
	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	RXМ	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	Liquid	OD	mm		
	Gas	OD	mm		
	OD	mm			
	OU - IU	Max.	m		
	length	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			

(i) 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

