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High Perfomance Air-Conditioning

FHQ-C / RZQSG-L(3/8)V1/L(8)Y1

Heating & Cooling

Seasonal Classic

Indoor unit					FHQ71C	FHQ100C	FHQ125C	FHQ140C	FHQ100C	FHQ125C	FHQ140C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	1.97	2.96	4.15	4.45	2.96	4.15	4.45
	Heating	Nom.		kW	1.88	2.99	3.73	4.54	2.99	3.73	4.54
Seasonal efficiency (according to EN14825)	Cooling	Energy label			A+			-	A+		-
		Pdesign		kW	6.80	9.50	12.00	-	9.50	12.00	-
		SEER			5.61			-	5.61		-
		Annual energy consumption		kWh	424	592	748	-	592	748	-
	Heating (Average climate)	Energy label			A		A+	-	A	A+	-
		Pdesign		kW	7.60			-	7.60		-
		SCOP			3.90	3.91	4.01	-	3.91	4.01	-
		Annual energy consumption		kWh	2,727	2,721	2,653	-	2,721	2,653	-
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER				3.46	3.21	2.89	3.01	3.21	2.89	3.01
	COP				4.00	3.61	3.62	3.41	3.61	3.62	3.41
	Annual energy consumption			kWh	983	1,480	2,075	2,225	1,480	2,075	2,225
	Energy label	Cooling/Heating			A/A		C/A	-	A/A	C/A	-
Casing	Colour				Fresh White						
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690	235x1,590x690					
Weight	Unit			kg	32	38					
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low		dBA	55/53/51	60/56/52	62/59/55	64/60/56	60/56/52	62/59/55	64/60/56
	Heating	High/Nom./Low		dBA	55/53/51	60/56/52	62/59/55	64/60/56	60/56/52	62/59/55	64/60/56
Sound pressure level	Cooling	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
Piping connections	Liquid	OD		mm	9.52						
	Gas	OD		mm	15.9						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220						

Outdoor unit					RZQSG71L3V1	RZQSG100L8V1	RZQSG125L8V1	RZQSG140LV1	RZQSG100L8Y1	RZQSG125L8Y1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69		70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/49	54/49	53/49	53/-	54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5~46						
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5						
Refrigerant	Type/GWP				R-410A/1,975						
Piping connections	Piping length	OU - IU	Max.	m	30	50					
		System	Equivalent	m	40	70					
	Level difference	IU - OU	Max.	m	15	30.0					
		IU - IU	Max.	m	0.5						
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	20	32			20		

(1) EER/COP according to Eurovent 2012

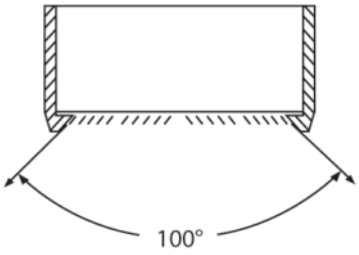
FHQ60C

RSX-L

BRC1E52A/B BRC7F530W

SEASONAL EFFICIENCY
Smart use of energy

- Ideal solution for commercial spaces with narrow or no false ceilings
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- Low energy consumption thanks to DC fan motor and drain pump
- Stylish unit blends easily with any interior, as the flaps close entirely when not in operation
- Can be installed in both new and existing buildings
- Wider air discharge thanks to Coanda effect: up to 100°



- Air flow distribution for ceiling heights up to 3.8m without capacity loss
- No optional adapter needed for DIII-connection, link your unit into the wider building management system.

Heating & Cooling

Indoor unit				FHQ35C	FHQ50C	FHQ60C
Cooling capacity	Min./Nom./Max.		kW	-/3.4/-	-/5.0/-	-/5.7/-
Heating capacity	Min./Nom./Max.		kW	-/4.00/-	-/6.00/-	-/7.20/-
Power input	Cooling	Nom.	kW	0.95	1.57	1.75
	Heating	Nom.	kW	0.98	1.79	2.17
Seasonal efficiency (according to EN14825)	Cooling	Energy label		A++	A+	
		Pdesign	kW	3.40	5.00	5.70
		SEER		6.18	5.87	6.02
		Annual energy consumption	kWh	193	298	332
	Heating (Average climate)	Energy label		A+	A	
		Pdesign	kW	3.10	4.35	4.71
		SCOP		4.43	3.86	3.87
		Annual energy consumption	kWh	981	1,578	1,705
Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load)	EER			3.58	3.18	3.26
	COP			4.08	3.35	3.32
	Annual energy consumption		kWh	475	785	875
	Energy label	Cooling/Heating		A/A	B/C	A/C
Casing	Colour			Fresh White		
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690		235x1,270x690
Weight	Unit		kg	24	25	31
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	14/11.5/10	15/12/10	19.5/15/11.5
	Heating	High/Nom./Low	m^3/min	14/11.5/10	15/12/10	19.5/15/11.5
Sound power level	Cooling	High/Nom./Low	dBA	53/51/48	54/52/49	54/52/50
	Heating	High/Nom./Low	dBA	53/51/48	54/52/49	54/52/50
Sound pressure level	Cooling	High/Nom./Low	dBA	36/34/31	37/35/32	37/35/33
	Heating	High/Nom./Low	dBA	36/34/31	37/35/32	37/35/33
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.5	12.7	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

Outdoor unit					*RXS35L	*RXS50L	*RXS50L
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	47	48
Fan - Air flow rate	Cooling	Nom.		m^3/min	36.0	50.9	
	Heating	Nom.		m^3/min	28.3	45.0	46.3
Sound power level	Cooling	Nom.		dBA	60	62	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~20
Refrigerant	Type/GWP				R-410A/1,975		
Piping connections	Piping length	OU - IU	Max.	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	-		

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*Note: grey cells contain preliminary data

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