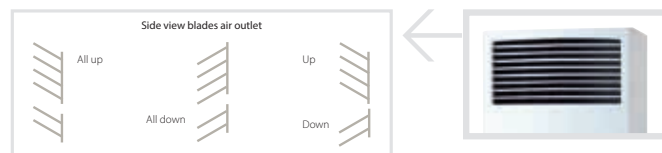
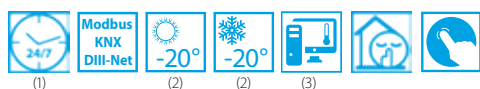


## FVA-A Floor standing unit

For commercial spaces with high ceilings

- › One of the first in the market with R32
- › One of the slimmest
- › One of the most quiet
- › Ensures best in class quality, highest efficiency and performance
- › Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- › Improved comfort as a result of better airflow distribution from the vertical out blow which allows manual adjustment of air outlet blades at the top of the unit.
- › Selectable horizontal out blow to better suit the layout of the room (via wired remote controller BRC1E\*/BRC1H\*)



### FVA-A pair combinations

Indoor unit	Outdoor unit	Cooling capacity kW	Heating capacity kW	Seasonal efficiency (according to EN14825)							
				Cooling				Heating (Average climate)			
				Energy label	Pdesign kW	SEER	A.E.C. kWh	Energy label	Pdesign kW	SCOP	A.E.C. kWh

#### Sky Air Alpha series combinations

Phase	Indoor unit	Outdoor unit	Cooling capacity (kW)	Heating capacity (kW)	Energy label	Pdesign (kW)	SEER	A.E.C. (kWh)	Energy label	Pdesign (kW)	SCOP	A.E.C. (kWh)
1-phase (230V)	FVA71A	RZAG71MV1	6,8	7,5	A++	6,8	6,37	335	A+	4,7	4,05	1 625
	FVA100A	RZAG100MV1	9,5	10,8	A+	9,5	6,0	6,12	A+	7,8	5,2	2 600
	FVA125A	RZAG125MV1	12,1	13,5	-	12,1	6,41	883	-	9,52	4,15	3 209
	FVA140A	RZAG140MV1	13,4	15,5	-	13,4	6,12	1 252	-	9,52	3,94	3 383
3-phase (400V)	FVA71A	RZAG71MY1	6,8	7,5	A++	6,8	6,37	335	A+	4,7	4,05	1 625
	FVA100A	RZAG100MY1	9,5	10,8	A+	9,5	6,0	518	A+	7,8	5,2	2 600
	FVA125A	RZAG125MY1	12,1	13,5	-	12,1	6,41	883	-	9,52	4,15	3 209
	FVA140A	RZAG140MY1	13,4	15,5	-	13,4	6,12	1 252	-	9,52	3,94	3 383

#### Sky Air Advance series combinations

Phase	Indoor unit	Outdoor unit	Cooling capacity (kW)	Heating capacity (kW)	Energy label	Pdesign (kW)	SEER	A.E.C. (kWh)	Energy label	Pdesign (kW)	SCOP	A.E.C. (kWh)
1-phase (230V)	FVA71A	RZASG71MV1	6,8	7,5	A+	6,8	5,83	408	A+	4,5	4,04	1 559
	FVA100A	RZASG100MV1	9,5	10,8	A+	9,5	5,72	581	A	6,0	3,83	2 193
	FVA125A	RZASG125MV1	12,1	13,5	-	12,1	5,3	1 370	-	6,0	3,64	2 308
	FVA140A	RZASG140MV1	13,4	15,5	-	13,4	5,63	1 428	-	7,8	3,81	2 866
3-phase (400V)	FVA100A	RZASG100MY1	9,5	10,8	A+	9,5	5,72	581	A	6,0	3,83	2 193
	FVA125A	RZASG125MY1	12,1	13,5	-	12,1	5,3	1 370	-	6,0	3,64	2 308
	FVA140A	RZASG140MY1	13,4	15,5	-	13,4	5,63	1 428	-	7,8	3,81	2 866

Remote controller is not included in Indoor unit price and Set price and has to be ordered separately.

### Accessories for FVA-A units

Material name	Description
<b>BRC1E53B</b>	Standard wired remote controller with full-text interface and back-light with new energy saving, sound minimization & duty rotation functions for Czech, Croatia, Hungarian, Romanian, Slovenian, Bulgarian
<b>BRC1H51W/S/K</b>	New premium wired remote controller with white/silver/black color - will fully replace BRC1E53* after stock out.
<b>BRP069A81</b>	Sky Air WLAN adaptor for WiFi App control

(1) With wired R/C; (2) With wireless R/C; (3) With Sky Air Alpha series

\* Prices are not list prices but fixed net price without VAT and only valid for the period of the sales action for order and deliveries until 31.3.2019  
Prices of outdoor units and accessories are only valid if ordered and delivered together with the same amount of indoor units.

## VVA-A Floor standing unit

Indoor unit			FVA	71A	100A	125A	140A
Dimensions	Unit	HeightxWidthxDepth	mm	1.850x600x270	1.850x600x350		
Weight	Unit		kg	39	47		
Air filter	Type			Resin net with mold resistance			
Fan - Air flow rate	Cooling/ Heating	High/Low	m <sup>3</sup> /min	18/14	28/22	28/24	30/26
Sound power level	Cooling/ Heating		dBA	55	62	63	65
Sound pressure level	Cooling/ Heating	High/Low	dBA	43/38	50/44	51/46	53/48
Refrigerant	Type			R-32 / R-410A			
Control systems	Wired remote control			BRC1E53A/B/C or BRC1H51W/S/K			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220			

Efficiency data			FVA + RZAG	71A + 71MV1	100A + 100MV1	125A + 125MV1	140A + 140MV1	71A + 71MY1	100A + 100MY1	125A + 125MY1	140A + 140MY1
Cooling capacity	Nom.		kW	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4
Heating capacity	Nom.		kW	7,50	10,8	13,5	15,5	7,50	10,8	13,5	15,5
Space cooling	Energy efficiency class			A++	A+	-	-	A++	A+	-	-
	Capacity	Pdesign	kW	6,80	9,50	12,1	13,4	6,80	9,50	12,1	13,4
	SEER			6,37	6,00	6,41	6,12	6,37	6,00	6,41	6,12
	η <sub>s,c</sub>		%	-	-	253	242	-	-	253	242
	Annual energy consumption		kWh/a	374	554	1.133	1.314	374	554	1.133	1.314
Space heating (Average climate)	Energy efficiency class			A+	-	-	-	A+	-	-	-
	Capacity	Pdesign	kW	4,70	7,80	9,52	9,52	4,70	7,80	9,52	9,52
	SCOP/A			4,05	4,20	4,15	3,94	4,05	4,20	4,15	3,94
	η <sub>s,h</sub>		%	-	-	163	155	-	-	163	155
	Annual energy consumption		kWh/a	1.625	2.600	3.209	3.383	1.625	2.600	3.209	3.383

Outdoor unit			RZAG	71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1	
Dimensions	Unit	HeightxWidthxDepth	mm	990x940x320	1.430x940x320			990x940x320	1.430x940x320			
Weight	Unit		kg	70	92			70	92			
Sound power level	Cooling		dBA	64	66	69	70	65	66	69	70	
	Heating		dBA	-	-	69	70	-	-	69	70	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	46	47	50	51	
	Heating	Nom.	dBA	49	51	52		49	51	52		
Operation range	Cooling	Ambient	Min.-Max.	°CDB			-20~52					
	Heating	Ambient	Min.-Max.	°CWB			-20~-18,0					
Refrigerant	Type/GWP			R-32/675								
	Charge		kg/TCO <sub>2</sub> Eq	2,95/1,99	3,75/2,53			2,95/1,99	3,75/2,53			
Piping connections	Liquid/Gas		mm	9,52/15,9								
	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	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	32			16				

Efficiency data			FVA + RZQSG	71A + 71L3V1	100A + 100L9V1	125A + 125L9V1	140A + 140L9V1	100A + 100L8Y1	125A + 125L8Y1	140A + 140L4Y1
Cooling capacity	Nom.		kW	6,80	9,50	12,0	13,4	9,50	12,0	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	12,0	13,4	9,50	12,0	13,4
	SEER			5,50			5,89	5,50		5,89
	η <sub>s,c</sub>		%	-			232,6	-		232,6
	Annual energy consumption		kWh/a	433	605	764	1.365	605	764	1.365
Space heating (Average climate)	Energy efficiency class			A	A+	A	-	A+	A	-
	Capacity	Pdesign	kW	6,33	7,60		11,5	7,60		11,5
	SCOP/A			3,86	4,01	3,85	3,88	4,01	3,85	3,88
	η <sub>s,h</sub>		%	-			152,4	-		152,4
	Annual energy consumption		kWh/a	2.297	2.654	2.764	4.132	2.654	2.764	4.132

Outdoor unit			RZQSG	71L3V1	100L9V1	125L9V1	140L9V1	100L8Y1	125L8Y1	140L4Y1	
Dimensions	Unit	HeightxWidthxDepth	mm	770x900x320	990x940x320		1.430x940x320	990x940x320		1.430x940x320	
Weight	Unit		kg	67	72,0	74	95,0	82		101,0	
Sound power level	Cooling		dBA	65	70,0		69,0		70,0	69,0	
	Heating		dBA	-	70,0	-	69,0	-	70,0	69,0	
Sound pressure level	Cooling	Nom./Silent operation	dBA	49/47	53/-	54/-	53/-		54/-	53/-	
	Heating	Nom.	dBA	51	57	58	54	57	58	54	
Operation range	Cooling	Ambient	Min.-Max.	°CDB		-15,0~-46		-15,0~-46		-15,0~-46,0	
	Heating	Ambient	Min.-Max.	°CWB		-15~-15,5		-15~-15,5		-15,0~-15,5	
Refrigerant	Type/GWP			R-410A/2.087,5							
	Charge		kg/TCO <sub>2</sub> Eq	2,75/5,7	2,9/6,05	2,9/6,1	4,0/8,35	2,9/6,1	2,9/6,05	4,0/8,35	
Piping connections	Liquid/Gas		mm	9,52/15,9							
	Piping length	OU - IU	Max.	m							
		System	Equivalent	m							
			Chargeless	m							
	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				3N~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)		A	20	40	32	40	16	20	25	

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