

 **ALARKO**



Always Better  
With **Flair**



*Flair*

# Sustainable World Sustainable Technology



Alrako Flair series air conditioners use R32 refrigerant. R32 refrigerant is environment friendly by lower global warming potential.

R32 has very low global warming potential when compared with R22 and R410A.

The importance of refrigerants used in air conditioners came out once more in the process that began with Montreal Protocol because of the destruction of ozone layer, global warming and continuing with Kigali Agreement. The global warming potential (GWP) of R32 refrigerant is 3 times lower than R410A refrigerant. Moreover, it is possible to use less refrigerant thanks to higher thermal conductivity coefficient of R32. For that reason, the real impact (carbon dioxide equivalent) of the refrigerant for the global warming is approximately 4 times less using R410A.



Extremely safe due to fire resistant control card.



## Easy Installation

- Easy installation, air conditioners with R32 is capable to be installed on installations designed for R410A.
- R32 is not mixture refrigerant.
- It is easier to collect the refrigerant and to be recycled.



## Environment Friendly

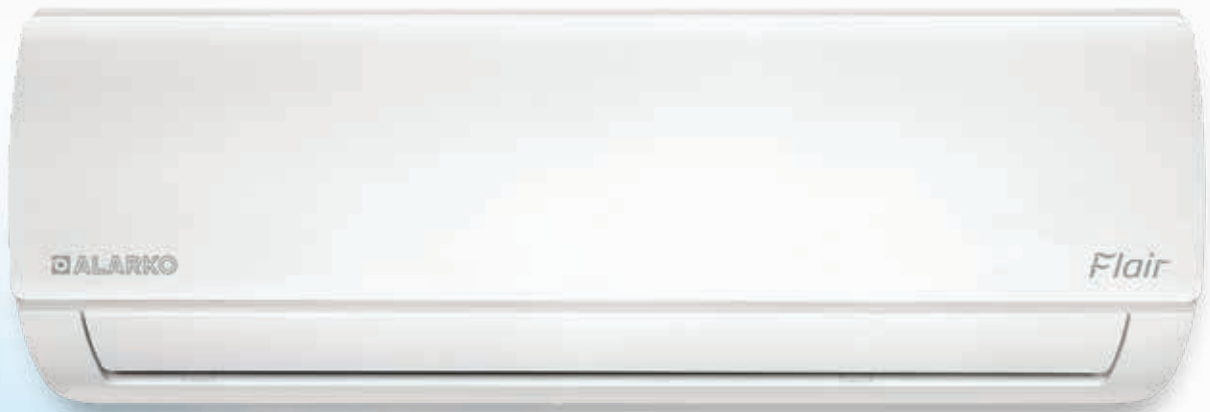
- R32 does not damage ozone layer.
- Global warming effect is 75% lower than R410A.



## Energy Conservation

Higher thermal conductivity coefficient of R32 causes less refrigerant use in air conditioners and rising energy efficiencies.





















# Fashion of Aesthetics

## Never Goes out

Flair accommodates perfectly with the space whether your location is residence or office by means of Flair's aesthetics and plain design as well.



- |  |  |  |  |  |  |   |  |  |
|--|--|--|--|--|--|---|--|--|
| <br>Self Cleaning | <br>Automatic Operation | <br>LED Display       | <br>Automatic Defrost | <br>Compact Design  | <br>Time Indicator    | <br>Sleep Mode    | <br>Cold Blowing Protection | <br>Timer |
| <br>Turbo Mode    | <br>Auto Diagnostic     | <br>Automatic Restart | <br>Child Lock        | <br>Healthy Filters | <br>Follow Me Control | <br>Wi-Fi Control |  |  |

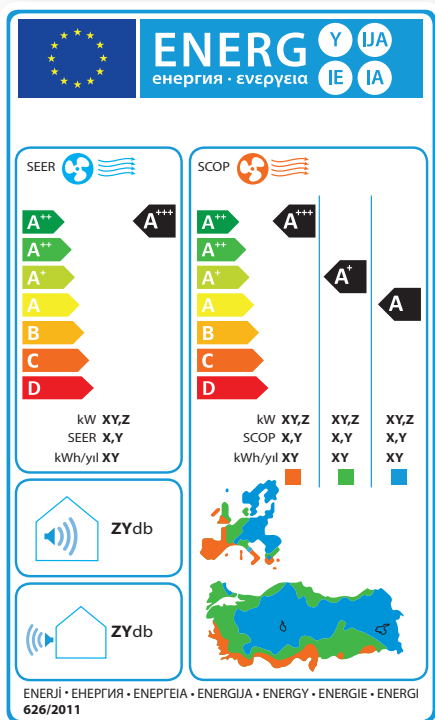


# While You Enjoy the Comfort Let Flair Think Your Budget

For the inverter Flair air conditioners, compressor speed is determined according to the indoor room cooling or heating requirement.

Indoor temperature can also be adjusted sensitively and at the same time the compressor consumes less energy because it operates as much indoor temperature as it needs thanks to inverter Rotary compressor.

**A+++**  
ENERGY CLASS



## Energy Efficiency Means Savings

Flair wall mounted split air conditioners have A+++ energy efficiency and the SEER value of up to 6.5 in cooling mode. In heating mode, you enjoy saving electricity with A+ energy efficiency.\*

SEER and SCOP values are enlightening informations because air conditioners are calculated as they are operating at different conditions as in real life. The higher the SEER and SCOP values means higher efficiency of your air conditioner.

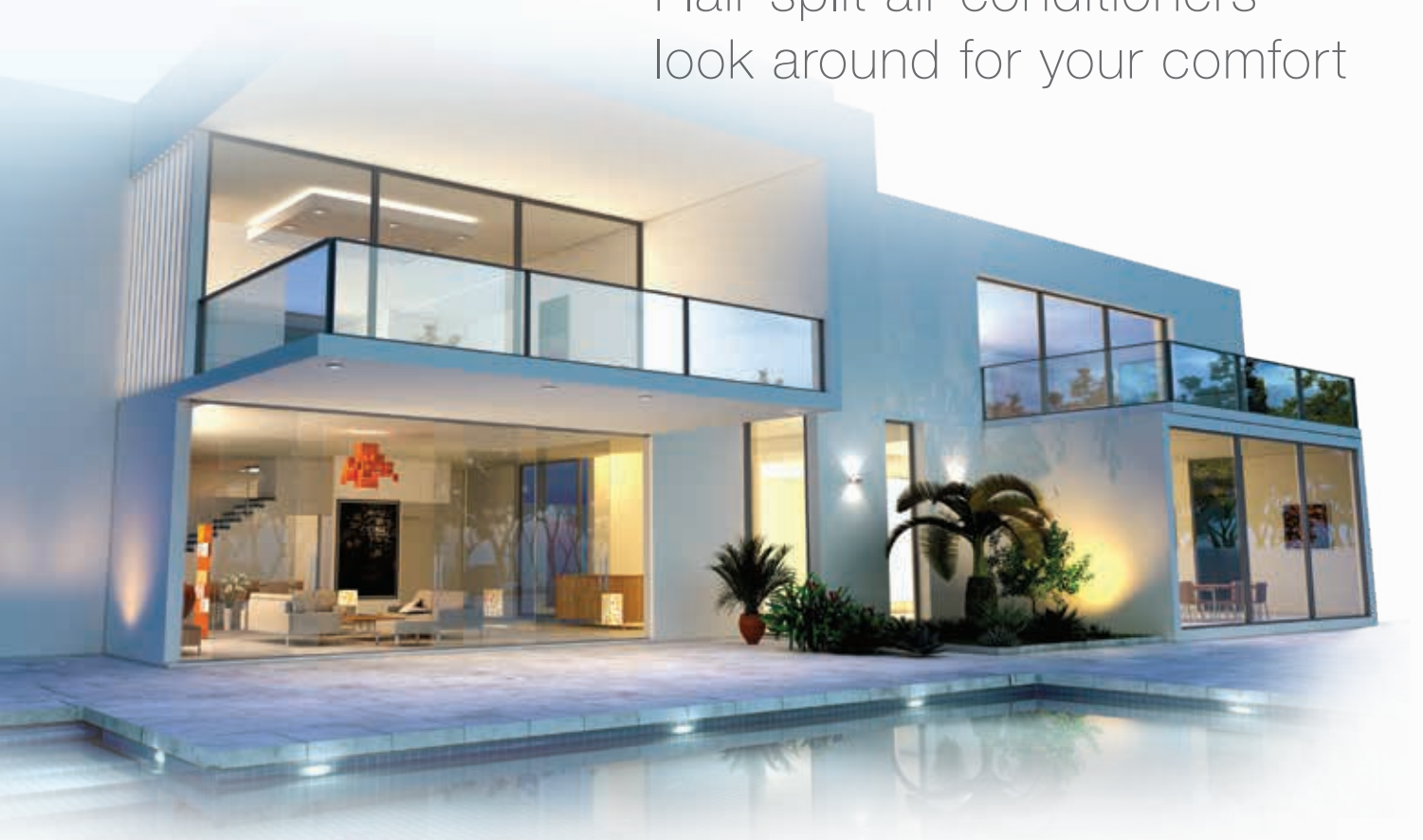
3 different reference heating climatic points are available consisting of average climatic, colder and hotter climatic point for SCOP while only one reference area for SEER.

Efficiency and energy class values are available on the label according to different climatic regions.

\* States seasonal energy efficiency value for SEER cooling mode, for SCOP heating mode and is calculated by taking into account the operation of air conditioner at different conditions.

# Attainable **Luxurious**

Flair split air conditioners look around for your comfort



## Auto Clean

Flair air conditioner has the capability of auto clean enabling fans to operate for a certain time period even after turned off.

Heat exchanger is kept clean by removing moisture accumulated from indoor unit heat exchanger by operating fans. Mold is prevented. Air in the room is kept clean and healthy always.



## Turbo Cooling

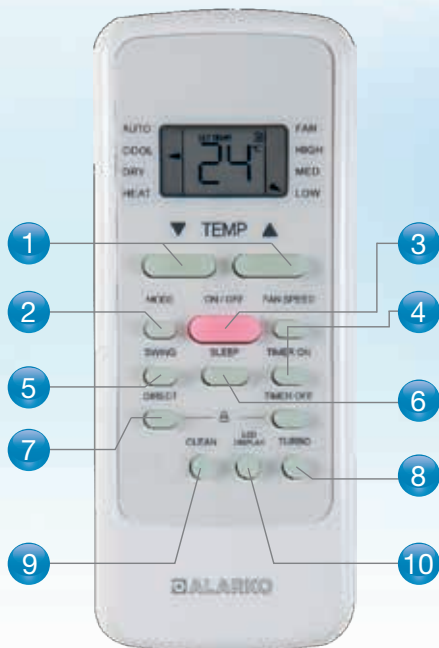
Upon pressing the 'Turbo' button on remote controller Turbo mode is activated enabling to reach setting temperature faster and let air flow to spread over a larger area. Turbo mode is activated.

# Control is Up to You Completely

You can control your air conditioner over tablet or cell phone either using user friendly controller or Wi-Fi function.



The functions below are controlled from wireless controller.



- 1 Up / Down Button
- 2 Mode Selection
- 3 On / Off
- 4 Timer
- 5 Swing Function
- 6 Sleep Mode
- 7 Flap Position Button
- 8 Turbo Mode
- 9 Auto Cleaning
- 10 Display Light / Panel

## Sleep Mode:

It is sufficient to press 'Sleep' button to put your air conditioner into sleep mode while operating in heating or cooling mode. Fan speed and noise level decrease in sleep mode, enjoying you for the silence.



You can feel comfort to control many functions with your smart phone connecting to internet whenever you want when your air conditioner is connected to Wi-Fi\*\* network...

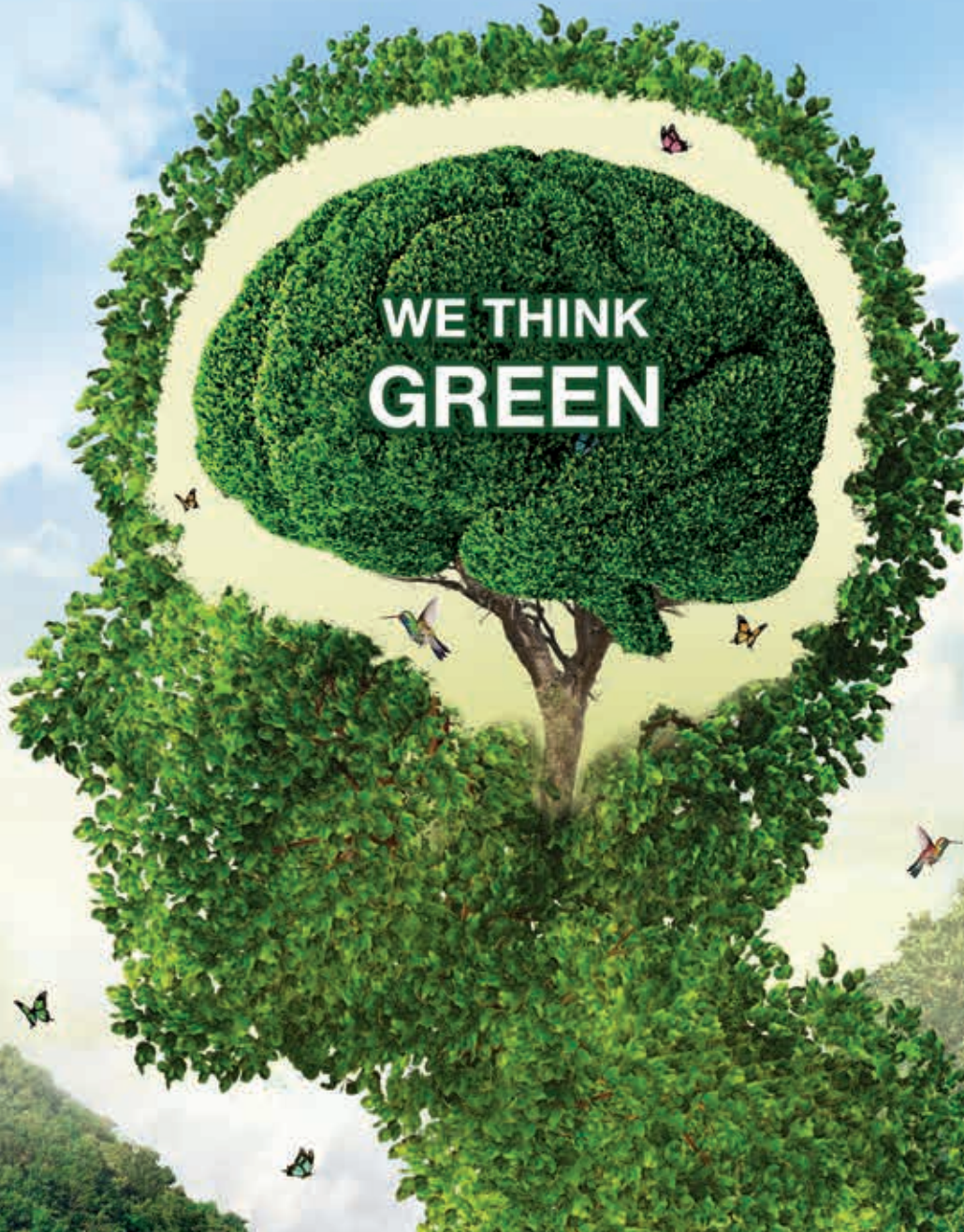


\* Remote controller is representative.

\*\* Wi-Fi interface is optional.



TECHNICAL FEATURES					
MODEL		FLRSP0901HW8	FLRSP1201HW8	FLRSP1801HW8	FLRSP2401HW8
Cooling Capacity	kW	2.80	3.68	5.20	7.04
Heating Capacity	Btu/h	9554	12556	17742	24020
Min. - Max. Cooling Capacity	kW	0.91-3.40	1.11-4.16	1.80-5.83	2.08-7.91
	Btu/h	3105-11601	3787-14194	6142-19892	7097-26989
Pdesign C	kW	2.80	3.68	5.20	7.04
SEER	W/W	6.3	6.1	7.4	6.2
Energy Class		A++	A++	A++	A++
Operating Current (Cooling)	A	3.60	5.70	6.70	11.50
Operating Power (Cooling)	kW	0.82	1.30	1.50	2.65
Heating Capacity	kW	3.06	3.85	5.3	7.04
Heating Capacity	Btu/h	10441	13136	18084	24020
Min. - Max. Heating Capacity	kW	0.82-3.37	1.08-4.22	1.7-5.85	1.61-8.00
	Btu/h	2798-11498	3685-14399	5800-19960	5493-27296
Pdesign H	kW	2.60	2.70	4.10	4.80
SCOP	W/W	4	4	4	4
Energy Class		A+	A+	A+	A+
Operating Current (Heating)	A	3.50	5.00	7.00	11.00
Operating Power (Heating)	kW	0.80	1.14	1.60	2.50
Indoor Unit		FLRSP0901HW	FLRSP1201HW	FLRSP1801HW	FLRSP2401HW
Sound Power Level	dB(A)	55	55	57	60
Sound Pressure Level	dB(A)	39/32/25/20	41/35/25/21	42.5/36/26/20	45/40.5/36/27.5
Air Flow Rate	m <sup>3</sup> /h	466/360/325/230	540/430/314/250	840/680/540/360	980/820/660/420
Weight (Body)	kg	7.6	7.6	10	12.3
Dimensions (W×H×D)	mm	805×194×285	805×194×285	957×213×302	1040×220×327
Outdoor Unit		FLRSP0901HW8	FLRSP1201HW8	FLRSP1801HW8	FLRSP2401HW8
Outdoor Operating Temperature / Cooling	°C	-15~50	-15~50	-15~50	-15~50
Outdoor Operating Temperature / Heating	°C	-15~24	-15~24	-15~24	-15~24
Compressor Type		Rotary	Rotary	Rotary	Rotary
Sound Power Level	dB(A)	63	64	64	68
Sound Pressure Level	dB(A)	55.5	56	56	59
Air Flow Rate	m <sup>3</sup> /h	1750	1800	2100	3500
Weight (Body)	kg	23.2	23.2	32.7	42.9
Dimensions (W×H×D)	mm	720×270×495	720×270×495	805×330×554	890×342×673
Refrigerant		R32	R32	R32	R32
Refrigerant Amount	kg	0.55	0.55	1.08	1.42
Connection					
Liquid / Gas Copper Pipeline	inch	1/4"/3/8"	1/4"/3/8"	1/4"/1/2"	3/8"/5/8"
Chargless Copper Pipe Distance	m	5	5	5	5
Maximum Height Difference	m	25	25	30	50
Maximum Copper Pipe Distance	m	10	10	20	25
Additional Refrigerant Amount	g/m	12	12	12	24



We make investment for the future with our Alarko Flair environment friendly air conditioners. We use efficient and ecological products. We are aware of high energy efficient products are friend to both household budget and nature. We are standing against the global warming with products using R32 refrigerant. We turned our faces toward the green. We think green.

# Flair

The data given in this manual are guide values only. Alarko Carrier keeps the right to change product specifications when it deems necessary.

Manufacturer reserves the right to change any product specifications without notice.

**ALARKO**

*Carrier*

**ALARKO CARRIER  
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