

ARYA



PALMAROLA

 WIFI INCLUDED

SINGLE-SPLIT LINE 9/12/18/24

A++ A+	GOLD FIN	UVC LAMP	BIPOLAR	GENTLE COOL	FILTER 6 STAGES	I-FEEL	SELF CLEAN
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The PALMAROLA model is available in the version:



WIFI INCLUDED



A++
A+

GOLD
FIN

LAMPADA
UVC

BIPOLAR

GENTLE
COOL

FILTRO
6 STADI

I-FEEL

SELF
CLEAN

SILENT
MODE

6
VELOCITA'

GENTLE COOLWIND

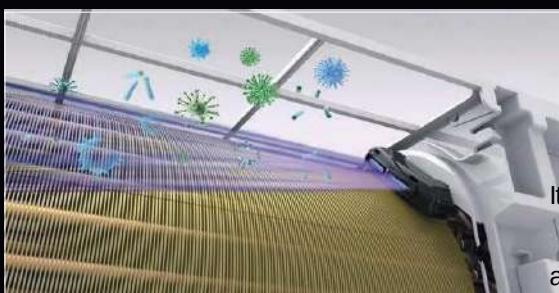
The GENTLE COOLWIND mode is innovative for all of you. Enjoy the ultimate in comfort that helps you work, rest and experience superior comfort at home!

THOUSANDS OF MICRO-HOLES... NO DIRECT AIR FLOW!

The air diffuses gently and quietly through thousands of micro-holes, eliminating annoying direct air flows. In addition, the innovative air diffusion cools a larger area more evenly, using 77 % less energy than in Fast Cooling mode.



PROFESSIONAL UVC STERILISATION



CHOOSE ARYA AND SAFETY THE AIR THAT YOU EXPECT...



Viruses and Bacteria 99% harmless ARYA uses the new generation of UV-C lamp with LED technology to ensure the purification of the air from bacteria and viruses.

Never before have air purification systems been so important for domestic environments and for

We now know that crowded enclosed spaces such as hospitals, buildings, schools, bars and restaurants are at risk of becoming a receptacle for viruses and bacteria due to the high concentration of people.

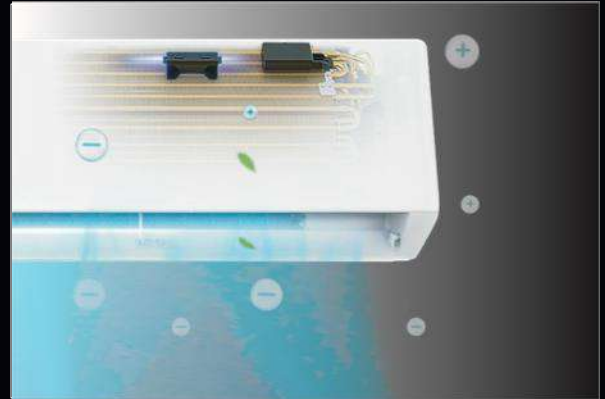
requirement, ARYA offers the use of UVC PRO technology as an OPTIONAL for its air conditioning units. The UVC PRO lamp uses ultraviolet rays to sanitise

eliminates all microbial agents, including pathogens. UVC PRO lamps are a safe and contraindication-free air purification system.

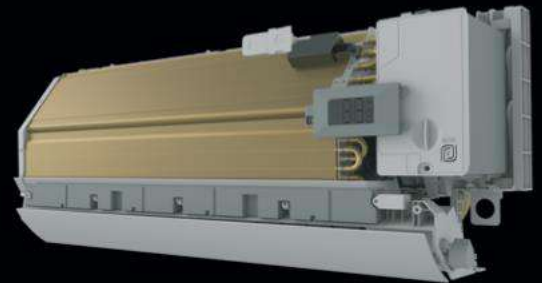
BIPOLAR ION GENERATOR

The air we breathe is crucial for our psychophysical well-being. Every day we breathe about 22,000 times and the quality of the air is not always good. In the atmosphere there are ions formed from gas molecules, which can be positive or negative depending on their electron charge. The right concentration of ions in the air is 1800 per cubic cm air, between positive and negative at a ratio of 0.8 to 1. Changing this ratio in favour of positive ions creates a condition of discomfort and psychophysical discomfort. Even closed rooms, in which we spend most of our time, almost always have a low concentration of ions and poor balance between them. We can do a lot in our homes to make the air more breathable and try to improve our psycho-physical well-being.

ARYA air conditioners are equipped with a negative and positive ion generator, i.e. a system that is able to introduce negatively charged electrons into the environment by applying a high negative voltage (High concentration of Positive Ions (3,500,000 n / cm³) and negative ions (10,000,000 n / cm³) to purify the air inside the room). Suffice it to say that residual particles of tobacco smoke remain suspended in the air for hundreds of hours, making the air very heavy.



healthier environment thanks to... BIPOLAR ION GENERATOR



BACTERIA ELIMINATION RATE >98.66% CERTIFIED BY THE MICROBIOLOGY DETECTION CENTRE

FILTER 6 STAGES

ACTIVATED CARBON - PHOTOCATALYSIS - ANTI DUST

PHOTOCATALYSIS

It acts on a photocatalytic basis thanks to the oxidising power of titanium dioxide under ultraviolet light, destroys the membranes bacteria by eliminating them and coagulates the proteins of viruses, inhibiting their activity: the treated air is 99.6 per cent free of bacteria, spores and viruses in a short time.

SILVER IONS

Silver ion filter eliminates 99% of bacteria

in the air and controls the growth of microbes such as bacteria, viruses, fungi and spores. It regenerates the air and keeps it clean by eradicating any airborne bacteria.

ACTIVE CARBON

It consists of a layer of synthetic material, accordion-folded and treated with professional-grade antibacterial, combined with a grid of activated charcoal. The forced air flow through the filter element charges it with static energy.

VERSIONS - CATECHIN - VITAMIN C

Thus enabling it to retain even the smallest polluting particles. This filter should be replaced periodically, depending on the time of use.

CATECHIN

Catechin is a natural substance extracted from tea leaves, and the electrostatic filter makes the outgoing air conditioned and filtered from all contaminants.

ANTI-DUST

It is a purification system that allows the

separation of the incoming gas stream from polluting part-cells. The part-cells can be either solid or liquid. At the outlet, there is thus an air flow free of contaminants.

VITAMIN C

The filter fills the air with vitamin C, improving immunity and skin health. It makes it possible to breathe air of higher quality that is beneficial to the health of those living within the environment where the air conditioner is installed.



I-FEEL

'The 'I Feel function' uses a temperature sensor in the handset to control the comfort temperature in the operating zone of the handset and at the point of greatest interest.



SILENT MODE

We know how important it is to guarantee you unparalleled relaxation. That's why our products are designed to offer maximum quietness even, and especially, during nighttime hours for optimal rest without affecting airflow or performance.



EASY-TO-USE TIMER

The daily timer allows for easy scheduling of automatic switch-on and switch-off at pre-set time intervals.



60°C COOLING

Stay cool, no matter what the outside temperature is. An air-cooled e-box guarantees continuous cooling even at 60°C and 100 per cent cooling power at 50°C.



SELF CLEAN

The SELF CLEAN function activates a reverse movement of the indoor unit's fan at the end of use, which is useful for removing condensed water and preventing the formation of mould or bacteria harmful to your health.

GOLD FIN

Thanks to this protection, corrosion phenomena are prevented and the integrity and performance of the equipment is safeguarded over time.

LOW NOISE

The low noise level makes this range the ideal solution maximum comfort. The quality of the environmental comfort in which we live also depends on the level of perceived noise, which is why ARYA air conditioners help to maintain the highest level of acoustic comfort by minimising noise emissions.

LEAK DETECTION

The system will automatically shut down to ensure safety once a refrigerant leak is detected.

TAX DEDUCTIONS

MODELLO PALMAROLA	CONTO TERMICO	50%	65%	110%
9000btu				
12000btu				
18000btu				
24000btu				

DATI TECNICI			PALMAROLA 9000	PALMAROLA 12000	PALMAROLA 18000	PALMAROLA 24000
DIMENSIONI (LxAxP)	Interna	mm	790x275x192	790x275x192	920x306x195	1100x333x222
	Esterna	mm	777x498x290	777x498x290	853x602x349	920x699x380
PESO	Interna	kg	8.5	8.5	11	14
	Esterna	kg	24	24	35	40
DIMENSIONI IMBALLAGGIO INTERNA		mm	860x345x265	860x345x265	990x380x265	1165x405x295
DIMENSIONI IMBALLAGGIO ESTERNA		mm	818x520x325	818x520x325	890x628x385	960x732x400
PESO LORDO	Interna	kg	10	10.5	13	17
	Esterna	kg	27	27	39	46

TECHNICAL DATA			PALMAROLA 9000	PALMAROLA 12000	PALMAROLA 18000	PALMAROLA 24000
COMMAND			Remote control	Remote control	Remote control	Remote control
PDESIGNC		kW	2.6	3.4	5.1	6.8
SEER		W/W	6.3	6.1	6.1	6.1
ENERGY EFFICIENCY CLASS COOLING			A++	A++	A++	A++
PDESIGNC		kW	2.1	2.4	3.8	5.7
SCOP		W/W	4.0	4.0	4.0	4.0
HEATING ENERGY EFFICIENCY CLASS			A+	A+	A+	A+
COOLING CAPACITY Nom/Min/Max		kW	2.60(0.94~3.30)	3.40(1.00~3.77)	5.10(1.25~5.90)	6.84(1.83~7.82)
ABSORPTION COOLING Nom/Min/Max		W	802(240~1380)	1049(290~1500)	1574(330~2350)	2099(410~2800)
EER			3.24	3.24	3.24	3.24
HEATING CAPACITY Nom/Min/Max		kW	2.63(0.94~3.36)	3.43(1.00~3.81)	5.13(1.25~6.08)	7.05(1.85~7.96)
HEATING ABSORPTION Nom/Min/Max		W	706(240~1550)	922(290~1730)	1382(340~2550)	1900(420~3000)
COP			3.73	3.71	3.71	3.71
DEHUMIDIFICATION CAPACITY		Litres/h	1.00	1.2	1.5	1.8
AIR FLOW RATE INDOOR UNIT		m³/h	560	560	820	1100
AIR FLOW RATE OUTDOOR UNIT		m³/h	1900	1900	2600	3000
SOUND PRESSURE LEVEL U.I. (H/MH/ML/L/S/)		dB(A)	41/37/33/25/18	41/37/33/25/18	43/41/38/35/27	47/42/38/34/31
SOUND POWER LEVEL U.I. (H/MH/ML/L/S/)		dB(A)	51/47/43/35/32	51/47/43/35/32	54/50/47/43/36	58/52/48/44/41
SOUND POWER LEVEL U.E.		dB(A)	60	60	65	68
POWER SUPPLY		V	220-240V/50Hz/1P	220-240V/50Hz/1P	220-240V/50Hz/1P	220-240V/50Hz/1P
VOLTAGE RANGE		A	165~265	165~265	165~265	165~265
COMMUNICATION CABLE			4x0.75mm²	4x0.75mm²	4x0.75mm²	4x0.75mm²
CONNECTING PIPES	Liquid	Poll	1/4"	1/4"	1/4"	1/4"
	Gas	Poll	3/8"	3/8"	3/8"	1/2"
AREA OF APPLICATION			m²	9~16	14~22	20~35
MAX. TUBE LENGTH			m	25	25	25
MAXIMUM HEIGHT DIFFERENCE			m	10	10	10
TEMPERATURE RANGE			°C	16~31	16~31	16~31
REFRIGERATION SYSTEM	Coolant		R32	R32	R32	R32
	Charge	Gr	570	570	1000	1110
	CO2 equivalent	Tonn.	0.385	0.385	0.675	0.750
OPERATING TEMPERATURES COOLING	Exterior	°C	15~53	15~53	15~53	15~53
	Internal	°C	17~32	17~32	17~32	17~32
HEATING OPERATING TEMPERATURES	Exterior	°C	20~30	20~30	20~30	20~30
	Internal	°C	0~30	0~30	0~30	0~30

The specifications in this catalogue are subject to change without notice so that ARYA can bring the latest innovations to its customers. ARYA assumes no responsibility for any errors or omissions in this catalogue.