

ARYA



PONZA

 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 PONZA model is available in the version:

 WIFI INCLUDED

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 AIRFLOW!

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.



A+++
A++

GOLD
FIN

LAMPADA
UVC

BIPOLEAR

GENTLE
COOL

FILTRO
6 STADI

I-FEEL

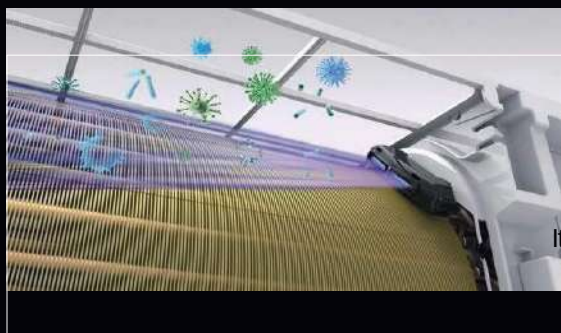
SELF
CLEAN

SILENT
MODE

6
VELOCITA'



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.

Now more than ever, air purification systems are essential for both domestic environments and those managing public spaces. We now know that crowded indoor areas such as hospitals, gyms, schools, bars, and restaurants are at high risk of becoming breeding grounds for viruses and bacteria due to the high concentration of people.

It is therefore important to adopt effective prevention systems capable of ensuring absolute safety of the air we breathe. To meet this new need, ARYA offers the use of UVC PRO technology as an OPTIONAL feature for its air conditioners. The UVC PRO lamp uses ultraviolet rays to sanitize.

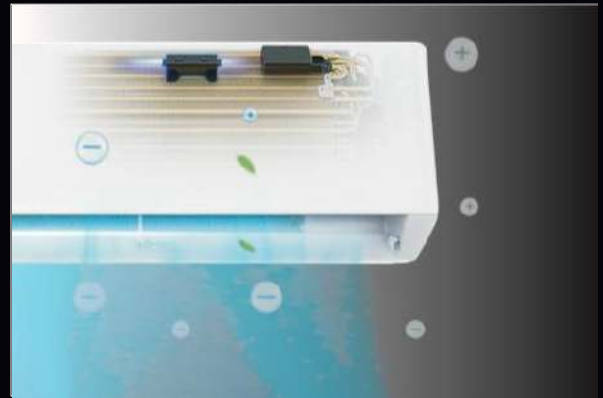
the air in an indoor space. UVC lamps ensure continuous air sterilization (24/7); the concentrated ultraviolet radiation eliminates all microbial agents, including pathogens. UVC PRO lamps are a safe air purification system with no side effects.

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.

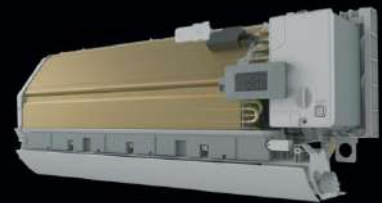
ARYA air conditioners are equipped with a negative and positive ion generator, i.e. a system that is able to introduce negatively charged electrons into the environment by applying a high negative voltage (High concentration of Positive Ions (3,500,000 n / cm³) and negative ions (10,000,000 n / cm³) 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.

ARYA



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.

SILVER IONS - 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 particles. The particles 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 unmatched relaxation. That's why our products are designed to offer maximum quietness even, and especially, during nighttime hours for optimal rest without compromising airflow or performance.



EASY-TO-USE TIMER

The daily timer allows for easy programming of automatic switch-on and switch-off at preset time intervals.



60°C COOLING

Stay cool, no matter the outside temperature. An air-cooled e-box ensures continuous cooling even at 60°C and delivers 100% cooling capacity 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 as soon as a refrigerant leak is detected.

TAX DEDUCTIONS

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

DATI TECNICI			PONZA 9000	PONZA 12000	PONZA 18000	PONZA 24000
DIMENSIONI (LxAxP)	Interna	mm	790x275x192	790x275x192	920x306x195	1100x333x222
	Esterna	mm	777x498x290	777x498x290	853x502x349	920x699x380
PESO	Interna	kg	8.5	8.5	11	14
	Esterna	kg	24	24	35	40
DIMENSIONI IMBALLAGGIO INTERNA		mm	860x345x265	860x345x265	990x380x265	1105x405x295
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			PONZA 9000	PONZA 12000	PONZA 18000	PONZA 24000
COMMAND			Remote control	Remote control	Remote control	Remote control
PDESIGNC		kW	2.6	3.5	5.1	6.9
SEER		W/W	8.5	8.5	8.5	8.5
ENERGY EFFICIENCY CLASS COOLING			A+++	A+++	A+++	A+++
PDESIGNC		kW	2.3	2.6	4.5	5.5
SCOP		W/W	4.6	4.6	4.6	4.6
HEATING ENERGY EFFICIENCY CLASS			A++	A++	A++	A++
COOLING CAPACITY Nom/Min/Max		kW	2.61(0.94~3.70)	3.51(1.00~4.60)	5.10(1.25~5.92)	6.91(1.83~7.82)
ABSORPTION COOLING Nom/Min/Max		W	700(240~1380)	950(290~1510)	1579(330~2350)	2138(410~2800)
EER			3.73	3.69	3.23	3.23
HEATING CAPACITY Nom/Min/Max		kW	2.90(0.94~4.00)	3.80(1.00~4.90)	5.30(1.25~6.69)	7.10(1.85~7.96)
HEATING ABSORPTION Nom/Min/Max		W	760(240~1552)	1000(290~1720)	1428(340~2540)	1905(420~3000)
COP			3.82	3.80	3.71	3.73
DEHUMIDIFICATION CAPACITY		Litres/h	1.00	1.2	1.5	2.0
AIR FLOW RATE INDOOR UNIT		m³/h	560	670	920	1100
AIR FLOW RATE OUTDOOR UNIT		m³/h	1900	1900	2600	3000
SOUND PRESSURE LEVEL U.I. (H/MH/ML/L/S/)		dB(A)	42/38/33/27/18	44/39/35/29/18	48/43/38/34/29	50/46/40/36/32
SOUND POWER LEVEL U.I. (H/MH/ML/L/S/)		dB(A)	52/48/43/37/33	53/49/44/38/35	57/53/50/43/39	59/55/51/45/42
SOUND POWER LEVEL U.E.		dB(A)	63	63	65	69
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			5x1.0mm2	5x1.5mm2	5x1.5mm2	5x2.5mm2
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	27~45
MAX. TUBE LENGTH		m	25	25	25	25
MAXIMUM HEIGHT DIFFERENCE		m	10	10	10	10
TEMPERATURE RANGE		°C	16~31	16~31	16~31	16~31
REFRIGERATION SYSTEM	Coolant		R32	R32	R32	R32
	Charge	Gr	450	630	1140	1270
	CO2 equivalent	Tonn.	0.304	0.426	0.770	0.858
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	25~30	25~30	25~30	25~30
	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.