





# ARYAL iON

ARYAL ION 10 HP Cod. OS-C/SESAH10E1  
ARYAL ION 12 HP Cod. OS-C/SESAH12E1



## FUNCTIONS

-  **Fan only mode**
-  **Dehumidification only mode**
-  **Auto mode:** changes parameters depending on ambient temperature.
-  **Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.



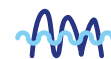
### ION TECHNOLOGY

The integrated ionizer guarantees cleaner and revitalized air, by releasing negative ions which eliminate positive ones.



### WARM SYSTEM

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it.



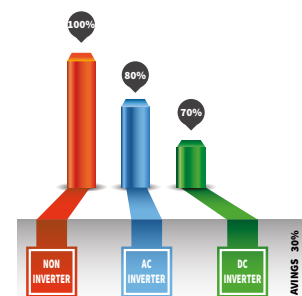
### INVERTER SYSTEM

Technology thanks to which compressor speed is constantly regulated in accordance with set temperature. Guarantees an energy saving of up to 30%\* compared with traditional technology.

# A<sup>++</sup>

### HIGH EFFICIENCY TECHNOLOGY

Class A<sup>++</sup> in cooling,  
Class A<sup>+</sup> in heating:  
Efficiency increased by 15%\*



\*Internal laboratory tests on traditional Olimpia Splendid range

PRELIMINARY  
DATA

PRELIMINARY  
DATA

				ARYAL 10N 10	ARYAL 10N 12	ARYAL 10N 18	ARYAL 10N 24
<b>Product code</b>				OS-C/SESAH10EI 8021183113570	OS-C/SESAH12EI 8021183113587	OS-C/SESAH18EI 8021183114461	OS-C/SESAH24EI 8021183114492
<b>Indoor Unit</b>				OS-SESAH10EI 8021183113594	OS-SESAH12EI 8021183113600	OS-SESAH18EI 8021183114478	OS-SESAH24EI 8021183114508
<b>Outdoor Unit</b>				OS-CESAH10EI 8021183113617	OS-CESAH12EI 8021183113624	OS-CESAH18EI 8021183114485	OS-CESAH24EI 8021183114515
Design load ( EN 14825 )	<b>Cooling</b>	Pdesignc	kW	2,5	3,5	5,1	7
	<b>Heating / Average</b>	Pdesignh	kW	2,6	2,9	4,7	5,8
	<b>Heating / Warmer</b>	Pdesignh	kW	1,4	1,6	5,5	7
	<b>Heating / Colder</b>	Pdesignh	kW	-	-	-	-
Seasonal efficiency (En 14825)	<b>Cooling</b>	SEER		6,2	6,1	6,23	6,2
	<b>Heating / Average</b>	SCOP ( A )		4,1	4,0	4,06	4,1
	<b>Heating / Warmer</b>	SCOP ( W )		4,7	4,9	5,41	5,1
	<b>Heating / Colder</b>	SCOP ( C )		-	-	-	-
<b>Energy Efficiency Class in cooling mode</b>				<b>A++</b>	<b>A++</b>	<b>A++</b>	<b>A++</b>
<b>Energy Efficiency Class in heating mode AVERAGE SEASON</b>				<b>A+</b>	<b>A+</b>	<b>A+</b>	<b>A+</b>
<b>Energy Efficiency Class in heating mode WARMER SEASON</b>				<b>A++</b>	<b>A++</b>	<b>A+++</b>	<b>A+++</b>
<b>Energy consumption in cooling mode</b>			kWh/year	141	200	287	397
<b>Energy consumption in heating mode AVERAGE SEASON</b>			kWh/year	888	1015	1622	2006
<b>Energy consumption in heating mode WARMER SEASON</b>			kWh/year	419	455	1425	1905
<b>Cooling capacity (1) ( min / rated / max )</b>			kW	1.0/2.5/2.8	1.1/3.5/3.7		
<b>Heating capacity (2) ( min / rated / max )</b>			kW	0.69/2.6/2.9	1.1/3.5/3.8		
<b>Power consumption in cooling mode (1) ( min / rated / max )</b>			kW	0.085/0.78/1.5	0.19/1.09/1.9		
<b>Power consumption in heating mode (2) ( min / rated / max )</b>			kW	0.11/0.72/1.5	0.24/0.97/1.9		
<b>Current consumption in cooling mode (1) ( min / rated / max )</b>			A	0.53/3.46/8.0	0.56/4.84/9.5		
<b>Current consumption in heating mode (2) ( min / rated / max )</b>			A	0.68/3.21/8.0	1.20/4.3/9.5		
<b>EER (1) ( rated )</b>				12.05/3.23/2.8	12.98/3.2/2.3		
<b>COP (2) ( rated )</b>				6.25/3.6/2.1	6.17/3.6/2.4		
<b>Max Power absorption in cooling mode (1)</b>			W	1500	1900	2800	3200
<b>Max Power absorption in heating mode (1)</b>			W	1500	1900	2800	3200
<b>Sound power level ( EN 12102 )</b>			LWA	<b>51</b>	<b>51</b>	<b>56</b>	<b>64</b>
<b>Sound pressure level</b>			dB(A)	29.2/35.3/42	29.82/35.3/42		46
<b>Air volume in cooling mode ( max/med/min )</b>			m³/h	550/440/370	550/440/370		
<b>Air volume in heating mode ( max/med/min )</b>			m³/h	550/440/370	550/440/370		
<b>Fan speeds</b>				1300 / 950 / 850	1280 / 1000 / 850		
<b>Protection level</b>				IPX0	IPX0	IPX0	IPX0
<b>Dimensions ( W x H x D )</b>			mm	750x285x200	750x285x200	900x225x310	1082x330x233
<b>Weight ( without packing )</b>			Kg	8,0	8,5	12	16
INDOOR UNIT	<b>Sound power level ( EN 12102 )</b>	LWA	dB(A)	57	59	63	66
	<b>Sound pressure level ( min/rating/max )</b>		dB(A)	52	51	58	54
	<b>Air flow rate (max)</b>		m³/h	1800	1800		
	<b>Fan speeds</b>			770/550/500	880 / 880 / 450		
OUTDOOR UNIT	<b>Protection level</b>			IPX4	IPX4	IPX4	IPX4
	<b>Dimensions ( W x H x D )</b>	mm		720x540x260	720x540x260	802x535x298	800x690x300
	<b>Weight ( without packing )</b>	Kg		27,0	27,5	35	50
	<b>Dehumidification rate</b>	l/h		0,3	0,5		
	<b>Diameter of tube in liquid connection line</b>	inch - mm		1/4 - 6,35	1/4 - 6,35	1/4 - 6,35	1/4 - 6,35
	<b>Diameter of tube in gas connection line</b>	inch - mm		3/8 - 9,52	3/8 - 9,52	1/2 - 12,7	5/8 - 15,9
	<b>Maximum pipe length</b>	m		15	15		
	<b>Maximum difference in level</b>	m		5	5		
	<b>Maximum operating pressure</b>	MPa		4,15/1,15	4,15/1,15	4,15/1,15	4,15/1,15
	<b>Refrigerant gas*</b>	Type		R-410A	R-410A	R-410A	R-410A
<b>Global warming potential</b>	GWP	kgCO2 eq.	2088	2088	2088	2088	

LIMITS OF OPERATING CONDITIONS

Indoor Ambient Tempera- ture	<b>Maximum temperature in cooling</b>		DB 35°C - WB 25°C
	<b>Minimum temperature in cooling</b>		DB 21°C - WB 15°C
	<b>Maximum temperature in heating</b>		DB 27°C
	<b>Minimum temperature in heating</b>		DB 20°C
Outdoor Ambient Tempera- ture	<b>Maximum temperature in cooling</b>		DB 47°C - WB 27°C
	<b>Minimum temperature in cooling</b>		DB 21°C - WB 15°C
	<b>Maximum temperature in heating</b>		DB 24°C - WB 18°C
	<b>Minimum temperature in heating</b>		DB -15°C

(1) TEST CONDITIONS: data refers to regulation EN14511

Data declared according to the UE Delegate Regulation 626/2011

(2) EER/COP in agreement with the regulation (EN-14511), declared only for the purpose of the tax deductions in effect at the time of this publication.

\* hermetically sealed equipment containing fluorinated gas with GWP equivalent 2088