

## INFORMATION SHEET FOR AIR CONDITIONERS, EXCEPT DOUBLE DUCTS AND SINGLE DUCTS(5)

As by Comission Communication in the framework of ecodesign requirements for air conditioners and comfort fans (EU Regulation no. 206/2012) and of energy labelling of air conditioners - (EU Regulation no. 626/2011)

· · · · · · · · · · · · · · · · · · ·	plies			If information applies to heating: I	neating season to w	vhich informati	on relates.
Cooling Heating			Y	Heating (Average)(-10°C)		Υ	
		,	Y	Heating (Warmer)(+2°C)			Υ
iodinig		·	Heating (Warrier)(+2 C)		N		
				Heating (Colder)(-22°C)			IN .
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	3.4	kW	Cooling	SEER	6.2	-
Heating (Average)(-10°C)	Pdesignh	2.4	kW	Heating (Average)(-10°C)	SCOP (A)	4.0	-
Heating (Warmer)(+2°C)	Pdesignh	3.1	kW	Heating (Warmer)(+2°C)	SCOP (W) SCOP (C)	5.1	-
Heating (Colder)(-22°C)	Pdesignh	-	kW	Heating (Colder)(-22°C)	. , ,		
Declared capacity (*) for cooling, outdoor temperature Tj	at indoor temper	rature 27(19)°C	and	Declared Energy efficiency ratio (*outdoor temperature Tj	) for cooling, at inc	loor temperatu	re 27(19)°C an
Tj = 35°C	Pdc	3.42	kW	Tj = 35°C	EERd	2.45	-
Гj = 30°С	Pdc	2.34	kW	Tj = 30°C	EERd	4.48	-
Γj = 25°C	Pdc	1.51	kW	Tj = 25°C	EERd	7.49	-
	Pdc	0.99	kW	Tj = 20°C	EERd	13.97	-
Declared capacity (*) for heating (20°C and outdoor temperature Tj				Declared Coefficient of Performan temperature 20°C and outdoor ten	perature Tj		
Γj = -7°C	Pdh	2.25	kW	Tj = -7°C	COPd	2.79	-
Гj = 2°С Гi = 7°С	Pdh Pdh	1.22 0.89	kW	Tj = 2°C Tj = 7°C	COPd	3,97 4.86	-
j = 7°C Tj = 12°C	Pdh Pdh	0.89	kW kW	Tj = 7°C Tj = 12°C	COPd COPd	4.86 6.06	-
j = 12 C j = bivalent temperature	Pdh	2.41	kW	Tj = bivalent temperature	COPd	2.49	-
= operating limit temperature	Pdh	2.25	kW	Tj = operating limit temperature	COPd	2.79	-
Declared capacity (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Γi = 2°C	Pdh	3.17	kW	Tj = 2°C	COPd	2.68	
Tj = 7°C	Pdh	2.03	kW	Tj = 7°C	COPd	4.87	
Γj = 12°C	Pdh	0.92	kW	Ti = 12°C	COPd	6.09	-
1   = 12 6							
,	Pdh	3.17	kW	Tj = bivalent temperature	COPd	2.68	-
j = bivalent temperature j = operating limit temperature	Pdh Pdh	3.17	kW	Tj = operating limit temperature	COPd	2.68	-
T = bivalent temperature T = operating limit temperature Declared capacity (*) for heating C and outdoor temperature Tj T = -7°C	Pdh Pdh  / Colder season,	3.17	kW	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten  Tj = -7°C	ce (*) for heating /	2.68	-
Tj = bivalent temperature Tj = operating limit temperature Declared capacity (*) for heating C and outdoor temperature Tj Tj = -7°C Tj = 2°C	Pdh Pdh  / Colder season,  Pdh Pdh	3.17	kW perature 20 kW kW	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten  Tj = -7°C  Tj = 2°C	ce (*) for heating / nperature Tj  COPd COPd	2.68 Colder season,	at indoor
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Fj = bivalent temperature Fj = operating limit temperature Ceclared capacity (*) for heating C and outdoor temperature Tj Fj = -7°C Fj = 2°C Fj = 7°C Fj = 12°C	Pdh Pdh  / Colder season,  Pdh Pdh Pdh Pdh Pdh Pdh	at indoor tem	kW perature 20 kW kW kW kW	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten  Tj = -7°C  Tj = 2°C  Tj = 7°C  Tj = 12°C	ce (*) for heating / herature Tj  COPd COPd COPd COPd COPd COPd	2.68 Colder season,	at indoor
Fj = bivalent temperature Fj = operating limit temperature  Declared capacity (*) for heating of the control of	Pdh Pdh  / Colder season,  Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh	at indoor tem	kW perature 20 kW kW kW kW kW	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten  Tj = -7°C  Tj = 2°C  Tj = 7°C  Tj = 12°C  Tj = bivalent temperature	COPd  ce (*) for heating / herature Tj  COPd  COPd  COPd  COPd  COPd  COPd  COPd  COPd	2.68 Colder season,	at indoor
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j = bivalent temperature j = operating limit temperature c and outdoor temperature Tj j = -7°C j = 2°C j = 12°C j = bivalent temperature j = operating limit temperature j = operating limit temperature j = operating limit temperature j = -15°C  Bivalent temperature deating (Average) deating (Warmer) deating (Colder)  Cooling deating Degradation coefficient cooling(**)	Pdh Pdh  / Colder season,  Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pd	3.17  at indoor tem	kW kW kW kW kW kW kW kW kW	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten Tj = -7°C Tj = 2°C Tj = 7°C Tj = 12°C Tj = bivalent temperature Tj = operating limit temperature Tj = -15°C  Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder)  Efficiency of cycling Cooling Heating Degradation coefficient heating(**)	COPd  ce (*) for heating / herature Tj  COPd COPd COPd COPd COPd COPd COPd COP	2.68  Colder season,	- at indoor
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Fig. bivalent temperature Fig. operating limit temperature Condoutdoor temperature Fig. 2°C Fig. 2°C Fig. 2°C Fig. 12°C Fig. 1	Pdh Pdh Pdh  / Colder season,  Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pd	3.17  at indoor tem	kW k	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten Tj = -7°C Tj = 2°C Tj = 7°C Tj = 12°C Tj = bivalent temperature Tj = operating limit temperature Tj = -15°C  Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder)  Efficiency of cycling Cooling Heating Degradation coefficient heating(**)  Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Warmer)(+2°C)	COPd  ce (*) for heating / herature Tj  COPd COPd COPd COPd COPd COPd COPd COP	2.68  Colder season,	- at indoor
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Tj = bivalent temperature Tj = operating limit temperature  Declared capacity (*) for heating of and outdoor temperature Tj Tj = -7°C Tj = 2°C Tj = 7°C Tj = 12°C Tj = bivalent temperature Tj = operating limit temperature Tj = -15°C	Pdh Pdh Pdh  / Colder season,  Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pd	3.17  at indoor tem	kW k	Tj = operating limit temperature  Declared Coefficient of Performan temperature 20°C and outdoor ten Tj = -7°C Tj = 2°C Tj = 2°C Tj = 12°C Tj = 12°C Tj = operating limit temperature Tj = operating limit temperature Tj = operating limit temperature Tj = -15°C  Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder)  Efficiency of cycling  Cooling Heating Degradation coefficient heating(**)  Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Warmer)(+2°C) Heating (Colder)(-22°C)  Other items  Sound power level (indoor/outdoor)	COPd  Ce (*) for heating / herature Tj  COPd COPd COPd COPd COPd COPd COPd COP	2.68  Colder season,	- at indoor

<sup>(5)</sup> For multisplit appliances, data shall be provided at a Capacity ratio of 1.

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<sup>(\*\*)</sup> If default Cd= 0,25 is chosen, then results from cycling tests are not required. Otherwise either the heating or cooling cycling test value is required



## **Product Fiche**

Model: CLIMADESIGN 12000 UE / CLIMADESIGN 12000 UI

Manufacturer: ARGOCLIMA SPA - via Alfeno Varo, 35 - Alfianello (BS) - Italy;

Sound power level (indoor unit / outdoor unit): 54 / 61 dB(A);

Refrigerant: R32

Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675 .This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

## **Cooling mode**

**SEER: 6,2** 

Energy efficiency class: A++

Pdesignc: 3,4 kW

Annual electricity consumption **192** kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

## **Heating mode**

Climate type: Average / Warmer / Colder

SCOP: 4,0 / 5,1 /-

Energy efficiency class: A+/A+++/-

Pdesignh: 2,4 / 3,1 /- kW

The back up heating capacity for SCOP calculation: # kW.

Annual electricity consumption **840/851/-** kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.