

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)

Function to which information ap	pplies			If information applies to heating:	heating season to	which informati	on relates.
Cooling Heating		Y		Heating (Average)(-10°C)		Y	
		`	Y	Heating (Warmer)(+2°C)			Y
				Heating (Colder)(-22°C)			Ν
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	5,1	kW	Cooling	SEER	6,7	-
Heating (Average)(-10°C)	Pdesignh	3,3	kW	Heating (Average)(-10°C)	SCOP (A)	4,0	-
Heating (Warmer)(+2°C)	Pdesignh	3,6	kW	Heating (Warmer)(+2°C)	SCOP (W)	5,3	-
leating (Colder)(-22°C)	Pdesignh	-	kW	Heating (Colder)(-22°C)	SCOP (C)	-	-
Declared capacity (*) for cooling, outdoor temperature Tj		· · ·		Declared Energy efficiency ratio (* outdoor temperature Tj		-	re 27(19)°C an
j = 35°C	Pdc	4,87	kW	Tj = 35°C	EERd	2,88	-
īj = 30°C īj = 25°C	Pdc Pdc	3,47 2,37	kW kW	Tj = 30°C Tj = 25°C	EERd EERd	4,64 8,19	-
j = 20°C	Pdc	1,60	kW	$T_{j} = 20 \text{°C}$	EERd	14,23	-
Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj							
'j = -7°C	Pdh	2,68	kW	Tj = -7°C	COPd	2,57	-
īj = 2°C	Pdh	1,69	kW	Tj = 2°C	COPd	4,11	-
-j = 7°C -j = 12°C	Pdh Pdh	1,20 1,18	kW kW	Tj = 7°C Tj = 12°C	COPd COPd	5,01 6,52	-
j = 12 C	Pdh	3,25	kW	Tj = bivalent temperature	COPd	2,26	-
j = operating limit temperature	Pdh	2,68	kW	Tj = operating limit temperature	COPd	2,57	-
Declared capacity (*) for heating 0°C and outdoor temperature T		at indoor ter	nperature	Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
i = 2°C	Pdh	3,29	kW	Tj = 2°C	COPd	3,16	-
1-20							
j = 7°C	Pdh	2,16	kW	Tj = 7°C	COPd	5,02	-
j = 7°C j = 12°C	Pdh Pdh	2,16 1,18	kW kW	Tj = 7°C Tj = 12°C	COPd COPd	5,02 6,52	-
i = 7°C j = 12°C j = bivalent temperature j = operating limit temperature eclared capacity (*) for heating	Pdh Pdh Pdh Pdh / Colder season, a	2,16 1,18 3,29 3,29	kW kW kW kW	Tj = 7°C	COPd COPd COPd COPd COPd	5,02 6,52 3,16 3,16	-
j = 7°C j = 12°C j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating 0°C and outdoor temperature Tj j = -7°C	Pdh Pdh Pdh Pdh / Colder season, a j Pdh	2,16 1,18 3,29 3,29	kW kW kW kW perature	$\begin{array}{l} T_{j} = 7^{\circ}C\\ T_{j} = 12^{\circ}C\\ T_{j} = bivalent \ temperature\\ T_{j} = operating limit \ temperature\\ \hline \end{tabular}$	COPd COPd COPd COPd COPd ice (*) for heating / nperature Tj COPd	5,02 6,52 3,16 3,16 Colder season,	- - at indoor -
 j = 7°C j = 12°C j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating 0°C and outdoor temperature T j = -7°C j = 2°C 	Pdh Pdh Pdh / Colder season, a j Pdh Pdh	2,16 1,18 3,29 3,29 tt indoor tem	kW kW kW kW perature kW kW	$\begin{array}{l} T_{j} = 7^{\circ}C\\ T_{j} = 12^{\circ}C\\ T_{j} = bivalent \ temperature\\ T_{j} = operating limit \ temperature\\ \hline \end{array}$	COPd COPd COPd COPd COPd ice (*) for heating / nperature Tj COPd COPd	5,02 6,52 3,16 3,16 Colder season,	- - - at indoor - -
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i = 7°C j = 12°C j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating 0°C and outdoor temperature Tj i = -7°C j = 2°C j = 7°C j = 7°C j = 12°C	Pdh Pdh Pdh / Colder season, a j Pdh Pdh	2,16 1,18 3,29 3,29 t indoor tem	kW kW kW kW perature kW kW	$\begin{array}{l} T_{j} = 7^{\circ}C\\ T_{j} = 12^{\circ}C\\ T_{j} = bivalent \ temperature\\ T_{j} = operating limit \ temperature\\ \hline \end{array}$	COPd COPd COPd COPd COPd ice (*) for heating / nperature Tj COPd COPd	5,02 6,52 3,16 3,16 Colder season,	- - - at indoor - - -
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i = 7°C j = 12°C j = bivalent temperature i = operating limit temperature Declared capacity (*) for heating 0°C and outdoor temperature Tj j = -7°C j = 2°C j = 7°C j = bivalent temperature j = operating limit temperature j = operating limit temperature j = -15°C Bivalent temperature l = -15°C Bivalent temperature deating (Average) leating (Colder) Power consumption of cycling Cooling deating	Pdh Pdh Pdh Pdh Image: Pdh Tbiv Tbiv Tbiv Pcycc Pcych	2,16 1,18 3,29 3,29 t indoor tem - - - - - - - - - - - - -	kW kW kW perature kW kW kW kW kW kW kW kW c c °C °C	$\begin{array}{l} Tj = 7^\circ C \\ Tj = 12^\circ C \\ Tj = bivalent temperature \\ Tj = operating limit temperature \\ \hline Tj = operating limit temperature \\ \hline Declared Coefficient of Performar temperature 20^\circ C and outdoor ter \\ Tj = -7^\circ C \\ Tj = 2^\circ C \\ Tj = 7^\circ C \\ Tj = 12^\circ C \\ Tj = bivalent temperature \\ Tj = operating limit temperature \\ Tj = -5^\circ C \\ \hline Operating limit temperature \\ Heating (Average) \\ Heating (Varmer) \\ Heating (Colder) \\ \hline Efficiency of cycling \\ \hline Cooling \\ Heating \\ \hline \end{array}$	COPd COPd COPd COPd COPd COPd COPd COPd	5,02 6,52 3,16 3,16 	- - at indoor - - - - - - - - - - - - - - - - - -
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(5) For multisplit appliances, data shall be provided at a *Capacity ratio* of 1. (**) 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 18000 UE / CLIMADESIGN 18000 UI

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

Sound power level (indoor unit / outdoor unit): 57 / 62 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 CO₂, 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: 6,7

Energy efficiency class: A++

Pdesignc: 5,1 kW

Annual electricity consumption **267 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 (-10°C) / Warmer (+2°C)

SCOP: 4,0/5,3/-

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

Pdesignh: 3,3/3,6/- kW

The back up heating capacity for SCOP calculation: # kW

Annual electricity consumption **1155/951/-** kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.