

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)

MODEL : ECOLIGHT18000 UE / ECOLIGHT 18000 UI

Function to which information ap	oplies			If information applies to heating: h	eating season to	which informati	on relates.
Cooling			Y	Heating (Average)(-10°C)			Y
Heating			Y	Heating (Warmer)(+2°C)			na
5			Heating (Colder)(-22°C)		na		
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	4,6	kW	Cooling	SEER	6,1	-
Heating (Average)(-10°C)	Pdesignh	3,6	kW	Heating (Average)(-10°C)	SCOP (A)	4,0	-
Heating (Warmer)(+2°C)	Pdesignh	3,6	kW	Heating (Warmer)(+2°C)	SCOP (W)	5,1	-
leating (Colder)(-22°C)	Pdesignh	-	kW	Heating (Colder)(-22°C)	SCOP (C)	-	-
Declared capacity (*) for cooling, butdoor temperature Tj	, at indoor tempera	ature 27(19)°	C and	Declared Energy efficiency ratio (* outdoor temperature Tj) for cooling, at in	idoor temperatu	re 27(19)°C ai
	Pdc	4,65	kW	Ti = 35°C	EERd	3,18	-
j = 30°C	Pdc	3,45	kW	Tj = 30°C	EERd	4,73	
rj = 25°C	Pdc	2,17	kW	Tj = 25°C	EERd	7,12	
j = 20°C	Pdc	0,98	kW	Tj = 20°C	EERd	9,36	
Declared capacity (*) for heating 0°C and outdoor temperature Tj	/ Average season		emperature	Declared Coefficient of Performant temperature 20°C and outdoor tem	ce (*) for heating		n, at indoor
'j = −7°C	Pdh	3,19	kW	Tj = -7°C	COPd	2,89	-
j = 2°C	Pdh	2,02	kW	Tj = 2°C	COPd	3,98	-
j = 7°C	Pdh	1,30	kW	Tj = 7°C	COPd	4,92	-
j = 12°C	Pdh	1,12	kW	Tj = 12°C	COPd	5,54	-
j = bivalent temperature	Pdh	2,88	kW	Tj = bivalent temperature	COPd	2,72	-
j = operating limit temperature	Pdh	3,19	kW	Tj = operating limit temperature	COPd	2,89	-
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			
-j = 2°C	Pdh	3,99	kW	Tj = 2°C	COPd	3,03	-
-j = 7°C	Pdh	2,32	kW	Tj = 7°C	COPd	5,18	-
		1,12	kW	Tj = 12°C	COPd	5,54	-
,	Pdh	,		~		,	
j = bivalent temperature j = operating limit temperature	Pdh Pdh	3,99 3,99	kW kW	Tj = bivalent temperature Tj = operating limit temperature Declared Coefficient of Performan	COPd COPd	3,03 3,03	- - at indoor
j = bivalent temperature j = operating limit temperature Declared capacity (*) for heating 20°C and outdoor temperature Tj	Pdh Pdh / Colder season,	3,99 3,99 at indoor ter	kW kW	Tj = bivalent temperature Tj = operating limit temperature Declared Coefficient of Performantemperature 20°C and outdoor temperature	COPd COPd ce (*) for heating /	3,03 3,03 / Colder season,	- at indoor
j = bivalent temperature j = operating limit temperature eclared capacity (*) for heating 0°C and outdoor temperature Tj j = -7°C	Pdh Pdh / Colder season,	3,99 3,99 at indoor ter	kW kW nperature kW	Tj = bivalent temperature Tj = operating limit temperature Declared Coefficient of Performant temperature 20°C and outdoor tem Tj = -7°C	COPd COPd ce (*) for heating / perature Tj COPd	3,03 3,03 / Colder season,	- at indoor -
j = bivalent temperature j = operating limit temperature beclared capacity (*) for heating 0°C and outdoor temperature Tj j = -7°C j = 2°C	Pdh Pdh / Colder season, Pdh Pdh	3,99 3,99 at indoor ter - -	kW kW nperature kW kW	Tj = bivalent temperature Tj = operating limit temperature Declared Coefficient of Performant temperature 20°C and outdoor tem Tj = -7°C Tj = 2°C	COPd COPd coPd ce (*) for heating a perature Tj COPd COPd	3,03 3,03 / Colder season, -	- at indoor - -
j = bivalent temperature j = operating limit temperature beclared capacity (*) for heating 0°C and outdoor temperature Tj j = -7°C j = 2°C j = 7°C	Pdh Pdh / Colder season, Pdh Pdh Pdh	3,99 3,99 at indoor ter	kW kW nperature kW kW kW	Tj = bivalent temperature Tj = operating limit temperature Declared Coefficient of Performant temperature 20°C and outdoor tem Tj = $-7^{\circ}C$ Tj = $2^{\circ}C$ Tj = $7^{\circ}C$ Tj = $7^{\circ}C$ Tj = $7^{\circ}C$ Tj = $7^{\circ}C$	COPd COPd ce (*) for heating a perature Tj COPd COPd COPd	3,03 3,03 / Colder season,	- at indoor -
j = bivalent temperature j = operating limit temperature beclared capacity (*) for heating 0°C and outdoor temperature Tj j = -7°C j = 2°C j = 7°C j = 12°C	Pdh Pdh / Colder season, Pdh Pdh Pdh Pdh Pdh	3,99 3,99 at indoor ter - - -	kW kW nperature kW kW kW kW	$\begin{array}{l} Tj = bivalent \ temperature \\ Tj = operating limit temperature \\ \hline Declared Coefficient of Performant temperature 20°C and outdoor tem \\ Tj = -7°C \\ Tj = 2°C \\ Tj = 7°C \\ Tj = 7°C \\ Tj = 12°C \\ \hline Tj = 12°C \end{array}$	COPd COPd ce (*) for heating a perature Tj COPd COPd COPd COPd COPd	3,03 3,03 / Colder season, - - - -	- 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: ECOLIGHT 18000 UE / ECOLIGHT 18000 UI

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

Sound power level (indoor unit / outdoor unit): 58 / 63 dB(A);

Refrigerant: R410A

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 2087,5 .This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 2087,5 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: 6.1 Energy efficiency class: A++ Pdesignc: 4.6 kW

Annual electricity consumption 264 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: 4.0/5.1

Energy efficiency class: A+/A+++

Pdesignh: 3.6/3.6 kW

The back up heating capacity for SCOP calculation: 0.3/0 kW.

Annual electricity consumption **1260/988** kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.