



INFORMATION SHEET FOR AIR CONDITIONERS, EXCEPT DOUBLE DUCTS AND SINGLE DUCTS<sup>(5)</sup>

As by Commission 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 : ARGO DUAL 14000 UE / (X3Plus Evo 27 HL WF x 2)

Function to which information applies				If information applies to heating: heating season to which information relates.			
Cooling		Y		Heating (Average)(-10°C)		Y	
Heating		Y		Heating (Warmer)(+2°C)		N	
				Heating (Colder)(-22°C)		N	
Item	symbol	value	unit	Item	symbol	value	unit
<b>Design load</b>				<b>Seasonal efficiency</b>			
Cooling	P <sub>designc</sub>	4,1	kW	Cooling	SEER	6,5	-
Heating (Average)(-10°C)	P <sub>designh</sub>	3,8	kW	Heating (Average)(-10°C)	SCOP (A)	4,0	-
Heating (Warmer)(+2°C)	P <sub>designh</sub>	na	kW	Heating (Warmer)(+2°C)	SCOP (W)	na	-
Heating (Colder)(-22°C)	P <sub>designh</sub>	na	kW	Heating (Colder)(-22°C)	SCOP (C)	na	-
<b>Declared capacity (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature T<sub>j</sub></b>				<b>Declared Energy efficiency ratio (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> = 35°C	P <sub>dc</sub>	4,16	kW	T <sub>j</sub> = 35°C	EER <sub>d</sub>	3,93	-
T <sub>j</sub> = 30°C	P <sub>dc</sub>	3,00	kW	T <sub>j</sub> = 30°C	EER <sub>d</sub>	5,87	-
T <sub>j</sub> = 25°C	P <sub>dc</sub>	1,89	kW	T <sub>j</sub> = 25°C	EER <sub>d</sub>	7,76	-
T <sub>j</sub> = 20°C	P <sub>dc</sub>	1,58	kW	T <sub>j</sub> = 20°C	EER <sub>d</sub>	9,52	-
<b>Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>				<b>Declared Coefficient of Performance (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> = -7°C	P <sub>dh</sub>	3,45	kW	T <sub>j</sub> = -7°C	COP <sub>d</sub>	2,85	-
T <sub>j</sub> = 2°C	P <sub>dh</sub>	2,08	kW	T <sub>j</sub> = 2°C	COP <sub>d</sub>	3,95	-
T <sub>j</sub> = 7°C	P <sub>dh</sub>	1,34	kW	T <sub>j</sub> = 7°C	COP <sub>d</sub>	5,05	-
T <sub>j</sub> = 12°C	P <sub>dh</sub>	1,28	kW	T <sub>j</sub> = 12°C	COP <sub>d</sub>	5,71	-
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	3,28	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	2,12	-
T <sub>j</sub> = operating limit temperature	P <sub>dh</sub>	3,45	kW	T <sub>j</sub> = operating limit temperature	COP <sub>d</sub>	2,85	-
<b>Declared capacity (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>				<b>Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> = 2°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 2°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = 7°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 7°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = 12°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 12°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	na	-
T <sub>j</sub> = operating limit temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = operating limit temperature	COP <sub>d</sub>	na	-
<b>Declared capacity (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>				<b>Declared Coefficient of Performance (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> = -7°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = -7°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = 2°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 2°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = 7°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 7°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = 12°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 12°C	COP <sub>d</sub>	na	-
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	na	-
T <sub>j</sub> = operating limit temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = operating limit temperature	COP <sub>d</sub>	na	-
T <sub>j</sub> = -15°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = -15°C	COP <sub>d</sub>	na	-
<b>Bivalent temperature</b>				<b>Operating limit temperature</b>			
Heating (Average)	T <sub>biv</sub>	-7	°C	Heating (Average)	T <sub>ol</sub>	-10	°C
Heating (Warmer)	T <sub>biv</sub>	na	°C	Heating (Warmer)	T <sub>ol</sub>	na	°C
Heating (Colder)	T <sub>biv</sub>	na	°C	Heating (Colder)	T <sub>ol</sub>	na	°C
<b>Power consumption of cycling</b>				<b>Efficiency of cycling</b>			
Cooling	P <sub>cycc</sub>	na	kW	Cooling	EER <sub>cycc</sub>	na	-
Heating	P <sub>cych</sub>	na	kW	Heating	COP <sub>cycc</sub>	na	-
Degradation coefficient cooling(**)	C <sub>dc</sub>	0,25	-	Degradation coefficient heating(**)	C <sub>dh</sub>	0,25	-
<b>Electric power input in power modes other than "active mode"</b>				<b>Seasonal electricity consumption</b>			
Off mode	P <sub>OFF</sub>	0,00546	W	Cooling	Q <sub>CE</sub>	220	kWh/a
Standby mode	P <sub>SB</sub>	0,00546	W	Heating (Average)(-10°C)	Q <sub>HE/A</sub>	1330	kWh/a
Thermostat-off mode	P <sub>TO</sub>	0,00506/003403	W	Heating (Warmer)(+2°C)	Q <sub>HE/W</sub>	na	kWh/a
Crankcase heater mode	P <sub>CK</sub>	0	W	Heating (Colder)(-22°C)	Q <sub>HE/C</sub>	na	kWh/a
<b>Capacity control type</b>				<b>Other items</b>			
Fixed		N		Sound power level (indoor/outdoor)	L <sub>WA</sub>	54/62	dB(A)
Staged		N		Refrigerant type		R32	
Variable		Y		Global warming potential	GWP	675	kgCO <sub>2</sub> eq.
				Rated air flow (indoor/outdoor)		610/2300	m <sup>3</sup> /h
For more detailed information				<b>ARGOCLIMA SPA - Via A. Varo,35 - Alfianello (BS) - ITALY - www.argoclima.com</b>			

(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 :** ARGO DUAL 14 DCI R32 UW / (X3I Plus Evo 27 HL WF x 2)

**Manufacturer :** ARGOClima SPA - via Alfeno Varo, 35 – Alfianello (BS) - Italy;

**Sound power level (indoor unit / outdoor unit):** 54 / 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 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:** 6.5

**Energy efficiency class:** A++

**P<sub>designc</sub>:** 4.1 kW

Annual electricity consumption **220 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

**SCOP:** 4.0

**Energy efficiency class:** A+

**P<sub>designh</sub>:** 3.8 kW

**Declared capacity:** 3.2 kW

The back up heating capacity for SCOP calculation: 0.6 kW.

Annual electricity consumption **1330 kWh** per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.