



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 QUADRI 36 DCI R32 / (X3I ECO PLUS 27 HL WF x 4)

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>	10,6	kW	Cooling	SEER	7,2	-
Heating (Average)(-10°C)	P <sub>designh</sub>	10,5	kW	Heating (Average)(-10°C)	SCOP (A)	4,2	-
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 Tj</b>				<b>Declared Energy efficiency ratio (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj = 35°C	P <sub>dc</sub>	10,62	kW	Tj = 35°C	EERd	3,53	-
Tj = 30°C	P <sub>dc</sub>	7,65	kW	Tj = 30°C	EERd	5,13	-
Tj = 25°C	P <sub>dc</sub>	4,92	kW	Tj = 25°C	EERd	8,96	-
Tj = 20°C	P <sub>dc</sub>	3,15	kW	Tj = 20°C	EERd	14,97	-
<b>Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj</b>				<b>Declared Coefficient of Performance (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj = -7°C	P <sub>dh</sub>	9,30	kW	Tj = -7°C	COPd	2,44	-
Tj = 2°C	P <sub>dh</sub>	5,86	kW	Tj = 2°C	COPd	4,17	-
Tj = 7°C	P <sub>dh</sub>	3,77	kW	Tj = 7°C	COPd	5,98	-
Tj = 12°C	P <sub>dh</sub>	1,99	kW	Tj = 12°C	COPd	6,33	-
Tj = bivalent temperature	P <sub>dh</sub>	7,75	kW	Tj = bivalent temperature	COPd	1,89	-
Tj = operating limit temperature	P <sub>dh</sub>	9,23	kW	Tj = operating limit temperature	COPd	2,44	-
<b>Declared capacity (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>				<b>Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj = 2°C	P <sub>dh</sub>	na	kW	Tj = 2°C	COPd	na	-
Tj = 7°C	P <sub>dh</sub>	na	kW	Tj = 7°C	COPd	na	-
Tj = 12°C	P <sub>dh</sub>	na	kW	Tj = 12°C	COPd	na	-
Tj = bivalent temperature	P <sub>dh</sub>	na	kW	Tj = bivalent temperature	COPd	na	-
Tj = operating limit temperature	P <sub>dh</sub>	na	kW	Tj = operating limit temperature	COPd	na	-
<b>Declared capacity (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>				<b>Declared Coefficient of Performance (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj = -7°C	P <sub>dh</sub>	na	kW	Tj = -7°C	COPd	na	-
Tj = 2°C	P <sub>dh</sub>	na	kW	Tj = 2°C	COPd	na	-
Tj = 7°C	P <sub>dh</sub>	na	kW	Tj = 7°C	COPd	na	-
Tj = 12°C	P <sub>dh</sub>	na	kW	Tj = 12°C	COPd	na	-
Tj = bivalent temperature	P <sub>dh</sub>	na	kW	Tj = bivalent temperature	COPd	na	-
Tj = operating limit temperature	P <sub>dh</sub>	na	kW	Tj = operating limit temperature	COPd	na	-
Tj = -15°C	P <sub>dh</sub>	na	kW	Tj = -15°C	COPd	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>cyc</sub>	na	-
Heating	P <sub>cyh</sub>	na	kW	Heating	COP <sub>cyc</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>	0,01403	W	Cooling	Q <sub>CE</sub>	515	kWh/a
Standby mode	P <sub>SB</sub>	0,01403	W	Heating (Average)(-10°C)	Q <sub>HE/A</sub>	3500	kWh/a
Thermostat-off mode	P <sub>TO</sub>	0,00274/0,02839	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>	58/70	dB(A)
Staged		N		Refrigerant type		R32	
Variable		Y		Global warming potential	GWP	675	KgCO <sub>2</sub> eq.
				Rated air flow (indoor/outdoor)		610/5800	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 QUADRI 36 DCI R32 UE / (X3I ECO PLUS 27 HL WF x 4)

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

**Sound power level (indoor unit / outdoor unit):** 58 / 70 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:** 7.2

**Energy efficiency class:** A++

**P<sub>designc</sub>:** 10.6 kW

Annual electricity consumption **515 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>:** 10.5 kW

**Declared capacity:** 9.0 kW

The back up heating capacity for SCOP calculation: 1.5 kW.

Annual electricity consumption **3675 kWh** per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.