



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 : X3I 27 HL (x3) / X3MI 61SH**

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>	6,1	kW	Cooling	SEER	6,1	-
Heating (Average)(-10°C)	P <sub>designh</sub>	5,8	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>	6,1	kW	T <sub>j</sub> = 35°C	EERd	3,3	-
T <sub>j</sub> = 30°C	P <sub>dc</sub>	4,5	kW	T <sub>j</sub> = 30°C	EERd	4,5	-
T <sub>j</sub> = 25°C	P <sub>dc</sub>	2,9	kW	T <sub>j</sub> = 25°C	EERd	7,7	-
T <sub>j</sub> = 20°C	P <sub>dc</sub>	1,3	kW	T <sub>j</sub> = 20°C	EERd	9,6	-
<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>	5,1	kW	T <sub>j</sub> = -7°C	COPd	2,6	-
T <sub>j</sub> = 2°C	P <sub>dh</sub>	3,1	kW	T <sub>j</sub> = 2°C	COPd	4,0	-
T <sub>j</sub> = 7°C	P <sub>dh</sub>	2,0	kW	T <sub>j</sub> = 7°C	COPd	4,9	-
T <sub>j</sub> = 12°C	P <sub>dh</sub>	0,9	kW	T <sub>j</sub> = 12°C	COPd	6,0	-
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	5,2	kW	T <sub>j</sub> = bivalent temperature	COPd	1,9	-
T <sub>j</sub> = operating limit temperature	P <sub>dh</sub>	5,2	kW	T <sub>j</sub> = operating limit temperature	COPd	1,9	-
<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	COPd	na	-
T <sub>j</sub> = 7°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 7°C	COPd	na	-
T <sub>j</sub> = 12°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 12°C	COPd	na	-
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = bivalent temperature	COPd	na	-
T <sub>j</sub> = operating limit temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = operating limit temperature	COPd	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	COPd	na	-
T <sub>j</sub> = 2°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 2°C	COPd	na	-
T <sub>j</sub> = 7°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 7°C	COPd	na	-
T <sub>j</sub> = 12°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = 12°C	COPd	na	-
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = bivalent temperature	COPd	na	-
T <sub>j</sub> = operating limit temperature	P <sub>dh</sub>	na	kW	T <sub>j</sub> = operating limit temperature	COPd	na	-
T <sub>j</sub> = -15°C	P <sub>dh</sub>	na	kW	T <sub>j</sub> = -15°C	COPd	na	-
<b>Bivalent temperature</b>				<b>Operating limit temperature</b>			
Heating (Average)	T <sub>biv</sub>	-10	°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>cyhc</sub>	na	kW	Heating	COP <sub>cycc</sub>	na	-
Degradation coefficient cooling(**)	C <sub>dc</sub>	na	-	Degradation coefficient heating(**)	C <sub>dh</sub>	na	-
<b>Electric power input in power modes other than "active mode"</b>				<b>Seasonal electricity consumption</b>			
Off mode	P <sub>OFF</sub>	0	W	Cooling	Q <sub>CE</sub>	350	kWh/a
Standby mode	P <sub>SB</sub>	0	W	Heating (Average)(-10°C)	Q <sub>HE/A</sub>	2030	kWh/a
Thermostat-off mode	P <sub>TO</sub>	0,013/0,02	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>	52/65	dB(A)
Staged		N		Refrigerant type		R410A	
Variable		Y		Global warming potential	GWP	2087,5	KgCO <sub>2</sub> eq.
				Rated air flow (indoor/outdoor)		560/3200	m <sup>3</sup> /h
For more detailed information				<b>ARGOCLIMA SPA - Via A. Varo,35 - Alfianello (BS) - ITALY - <a href="http://www.argoclima.com">www.argoclima.com</a></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

**Modello** : X3MI 61SH - (X3I 27 HL x 3)

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

**Sound power level (indoor unit / outdoor unit):** 52 / 65 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 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:** 6,1

**Energy efficiency class:** A++

**Pdesignc:** 6,1 kW

Annual electricity consumption **350 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:** Medium

**SCOP:** 4,0

**Energy efficiency class:** A+

**Pdesignh:** 5,8 kW

The back up heating capacity for SCOP calculation: 0,6 kW.

Annual electricity consumption **2030 kWh** per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.