

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 : X3MI ECO 71SH / (X3I ECO PLUS 27 HL WF x 3)

Cooling	plies			If information applies to heating: he	ating season to	which information	n relates.	
Cooling Y				Heating (Average)(-10°C)		_	Y	
Heating		Y		Heating (Warmer)(+2°C)			Ν	
			Heating (Colder)(-22°C)		Ν			
Item	symbol	value	unit	ltem	symbol	value	unit	
Design load				Seasonal efficiency		4 ····· 4		
Cooling	Pdesignc	7.1	kW	Cooling	SEER	6.1	-	
Heating (Average)(-10°C)	Pdesignh	6.1	kW	Heating (Average)(-10°C)	SCOP (A)	4.0		
Heating (Warmer)(+2°C)	Pdesignh	na	kW	Heating (Warmer)(+2°C)	SCOP (W)	na	-	
Heating (Colder)(-22°C)	Pdesignh	na	kW	Heating (Colder)(-22°C)	SCOP (C)	na	-	
Declared capacity (*) for cooling, a	· ·		or	Declared Energy efficiency ratio (*)	÷ • • •	door temperature	27(19)°C and	
emperature Tj	-			outdoor temperature Tj	-	-		
[j = 35°C	Pdc	7.10	kW	Tj = 35°C	EERd	3.61	-	
Гј = 30°С	Pdc	5.26	kW	Tj = 30°C	EERd	4.35	-	
rj = 25°C	Pdc	3.37	kW	Tj = 25°C	EERd	7.16	-	
'j = 20°C	Pdc	2.15	kW	Tj = 20°C	EERd	13.39	-	
Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared Coefficient of Performance (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				
[j = -7°C	Pdh	5.42	kW	Tj = -7°C	COPd	2.83	-	
ſj = 2°C	Pdh	3.30	kW	Tj = 2°C	COPd	4.08	-	
īj = 7°C	Pdh	2.21	kW	Tj = 7°C	COPd	4.63	-	
j = 12°C	Pdh	2.09	kW	Tj = 12°C	COPd	6.09	-	
j = bivalent_temperature	Pdh	4.79	kW	Tj = bivalent temperature	COPd	2.61	-	
j = operating limit temperature	Pdh	5.42	kW	Tj = operating limit temperature	COPd	2.83		
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				
Гј = 2°С	Pdh	na	kW	Tj = 2°C	COPd	na	-	
j = 7°C	Pdh	na	kW	Tj = 7°C	COPd	na	-	
'j = 12°C	Pdh	na	kW	Tj = 12°C	COPd	na	-	
 j = bivalent temperature j = operating limit temperature 	Pdh Pdh	na	kW kW	Tj = bivalent temperature Tj = operating limit temperature	COPd COPd	na	-	
					•			
Declared capacity (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared Coefficient of Performance (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				
[j = -7°C	Pdh	na	kW	Tj = -7°C	COPd	na	-	
īj = 2°C īj = 7°C	Pdh Pdh	na	kW	Tj = 2°C Tj = 7°C	COPd	na	-	
j = 7 C j = 12°C	Pdh	na	kW kW	Tj = 12°C	COPd COPd	na na	-	
j = 12 C	Pdh	na na	kW	~				
i = hivalent_temperature	I UII			Ti = hivalent_temperature	COPd		-	
	Pdh			Tj = bivalent temperature	COPd	na	-	
j = operating limit temperature	Pdh Pdh	na	kW	Tj = operating limit temperature	COPd	na na		
j = operating limit temperature	Pdh Pdh					na	-	
j = operating limit temperature j =-15℃		na	kW	Tj = operating limit temperature	COPd	na na	-	
Tj = operating limit temperature Tj =-15°C Bivalent temperature Heating (Average)	Pdh	na na -7	kW kW °C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average)	COPd COPd Tol	na n	- - - -	
] = operating limit temperature] =-15°C Bivalent temperature teating (Average) teating (Warmer)	Pdh Tbiv Tbiv	na na -7 na	kW kW °C °C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer)	COPd COPd Tol Tol	na na na -10 na	- - - - - - - - - - - - - - - - - - -	
j = operating limit temperature j =-15°C Bivalent temperature leating (Average) leating (Warmer)	Pdh	na na -7	kW kW °C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average)	COPd COPd Tol	na n	- - - - -	
j = operating limit temperature j =-15°C Bivalent temperature leating (Average) leating (Warmer) leating (Colder)	Pdh Tbiv Tbiv Tbiv Tbiv	na na -7 na	kW kW °C °C °C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer)	COPd COPd Tol Tol Tol	na na na -10 na	- - - - - - - - - - - - - - - - - - -	
fj = operating limit temperature fj =-15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling	Pdh Tbiv Tbiv Tbiv Pcycc	na na -7 na	kW kW °C °C °C kW	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling	COPd COPd Tol Tol Tol EERcyc	na na na -10 na	- - - - - - - - - - - - - - - - - - -	
r] = operating limit temperature r] =-15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling	Pdh Tbiv Tbiv Tbiv Tbiv	na na -7 na na	kW kW °C °C °C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling	COPd COPd Tol Tol Tol	na na na -10 na na	- - - - - - - - - - - - - - - - - - -	
j = operating limit temperature j =-15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating	Pdh Tbiv Tbiv Tbiv Pcycc	na na -7 na na na	kW kW °C °C °C kW	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling	COPd COPd Tol Tol Tol EERcyc	na na na -10 na na na	- - - - °C °C - -	
T = operating limit temperature T = -15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating Degradation coefficient cooling(**)	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc des other than "ac	na na -7 na na na na 0.25	kW kW °C °C °C kW kW	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating	COPd COPd Tol Tol Tol EERcyc COPcyc	na na na -10 na na na na na	- - - - °C °C - -	
j = operating limit temperature j =-15°C Bivalent temperature teating (Average) teating (Warmer) teating (Colder) Power consumption of cycling Cooling teating Degradation coefficient cooling(**) Electric power input in power mode	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc des other than "ac	na na -7 na na na na 0.25	kW kW °C °C °C kW kW	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**)	COPd COPd Tol Tol Tol EERcyc COPcyc	na na na -10 na na na na na	- - - - °C °C - -	
j = operating limit temperature j = -15°C Bivalent temperature teating (Average) teating (Warmer) teating (Colder) Power consumption of cycling Cooling teating Degradation coefficient cooling(**) Electric power input in power mode	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc des other than "ac P _{OFF} P _{SB}	na na na na na na 0.25	kW kW °C °C °C kW kW	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption	COPd COPd Tol Tol Tol EERcyc COPcyc Cdh	na na na -10 na na na 0.25	- - - - °C °C - - -	
j = operating limit temperature j = -15°C Bivalent temperature teating (Average) teating (Warmer) teating (Colder) Power consumption of cycling Cooling teating Degradation coefficient cooling(**) Electric power input in power moc Off mode Standby mode	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc des other than "ac P _{OFF} P _{SB}	na -7 na na na na na 0.25 tive mode" 0.011244	kW kW °C °C °C °C kW kW - W	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling	COPd COPd Tol Tol Tol EERcyc COPcyc Cdh	na na na -10 na na na 0.25 407	- - - - - - - - - - - - - - -	
j = operating limit temperature j =-15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating Degradation coefficient cooling(**) Electric power input in power moc Off mode Standby mode Thermostat-off mode	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc Cdc Cdc PoFF	na -7 na na na na na 0.25 tive mode" 0.011244 0.011244	kW kW °C °C °C °C kW kW - W W	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling Heating (Average)(-10°C)	COPd COPd Tol Tol Tol Tol EERcyc COPcyc Cdh Q _{CE} Q _{HE} /A	na na na -10 na na na 0.25 407 2135	- - - - - - - - - - - - - - - - - - -	
j = operating limit temperature j = -15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating Degradation coefficient cooling(**) Electric power input in power mode Standby mode Thermostat-off mode Crankcase heater mode	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc Cdc PoFF P _{SB} P _{TO}	na -7 na na na na 0.25 tive mode" 0.011244 0.02151/0.012348	kW kW °C °C °C *C *C *C *C *C *C *C *C *C *C *C *C *C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Warmer)(+2°C)	COPd COPd Tol Tol Tol Tol EERcyc COPcyc Cdh Q _{CE} Q _{HE} /A Q _{HE} /M	na na na na na na na 0.25 407 2135 na	- - - - - - - - - - - - - - - - - - -	
j = operating limit temperature j = -15°C Bivalent temperature deating (Average) deating (Warmer) deating (Colder) Power consumption of cycling Cooling deating Degradation coefficient cooling(**) Electric power input in power moc Dff mode Standby mode Thermostat-off mode Canakcase heater mode Capacity control type	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc Cdc PoFF P _{SB} P _{TO}	na -7 na na na na 0.25 tive mode" 0.011244 0.020151/0.012348 0	kW kW °C °C °C *C *C *C *C *C *C *C *C *C *C *C *C *C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Colder)(+2°C) Heating (Colder)(-22°C)	COPd COPd Tol Tol Tol Tol COPcyc COPcyc Cdh Q _{CE} Q _{HE} /A Q _{HE} //N Q _{HE} //C	na na na na na na na na 0.25 407 2135 na na na	- - - °C °C °C °C - - - - - - - - - - -	
j = operating limit temperature j = -15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating Degradation coefficient cooling(**) Electric power input in power moc Dff mode Standby mode Crankcase heater mode Capacity control type Fixed	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc Cdc PoFF P _{SB} P _{TO}	na -7 na na na na na 0.25 tive mode" 0.011244 0.02151/0.012348 0	kW kW °C °C °C *C *C *C *C *C *C *C *C *C *C *C *C *C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Colder)(-22°C) Other items Sound power level (indoor/outdoor)	COPd COPd Tol Tol Tol Tol EERcyc COPcyc Cdh Q _{CE} Q _{HE} /A Q _{HE} /M	na na na na na na na 0.25 407 2135 na na na 55/68	- - - - - - - - - - - - - - - - - - -	
	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc Cdc PoFF P _{SB} P _{TO}	na na na na na na na na 0.25 tive mode" 0.011244 0.02151/0.012348 0 N	kW kW °C °C °C *C *C *C *C *C *C *C *C *C *C *C *C *C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Colder)(+2°C) Heating (Colder)(-22°C) Other items Sound power level (indoor/outdoor) Refrigerant type	COPd COPd COPd Tol Tol Tol COPcyc Cdh Q _{CE} Q _{HE} /A Q _{HE} /C L _{WA}	na 0.25 407 2135 na na na 55/68 R32	- - - - - - - - - - - - - - - - - - -	
Tj = bivalent temperature Tj = operating limit temperature Tj =-15°C Bivalent temperature Heating (Average) Heating (Warmer) Heating (Colder) Power consumption of cycling Cooling Heating Degradation coefficient cooling(**) Electric power input in power moot Off mode Standby mode Thermostat-off mode Crankcase heater mode Capacity control type Fixed Staged Variable	Pdh Tbiv Tbiv Tbiv Pcycc Pcych Cdc Cdc PoFF P _{SB} P _{TO}	na -7 na na na na na 0.25 tive mode" 0.011244 0.02151/0.012348 0	kW kW °C °C °C *C *C *C *C *C *C *C *C *C *C *C *C *C	Tj = operating limit temperature Tj =-15°C Operating limit temperature Heating (Average) Heating (Warmer) Heating (Colder) Efficiency of cycling Cooling Heating Degradation coefficient heating(**) Seasonal electricity consumption Cooling Heating (Average)(-10°C) Heating (Colder)(-22°C) Other items Sound power level (indoor/outdoor)	COPd COPd Tol Tol Tol Tol COPcyc COPcyc Cdh Q _{CE} Q _{HE} /A Q _{HE} //N Q _{HE} //C	na na na na na na na 0.25 407 2135 na na na 55/68	- - - °C °C °C °C - - - - - - - - - - -	

(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: X3MI ECO 71SH / (X3I ECO PLUS 27 HL WF x 3)

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

Sound power level (indoor unit / outdoor unit): 55 / 68 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: 6.1 Energy efficiency class: A++ Pdesignc: 7.1 kW

Annual electricity consumption **407 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+ Pdesignh: 6.1 kW

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

Annual electricity consumption **2135 kWh** per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.