



INFORMATION SHEET FOR AIR CONDITIONERS, EXCEPT DOUBLE DUCTS AND SINGLE DUCTS⁽⁵⁾

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 : CLIMADESIGN DUAL 18000 UE / CLIMADESIGN MULTI 9000 UI (x2)

Function to which information applies				If information applies to heating: heating season to which information relates.			
Cooling		Y		Heating (Average)		Y	
Heating		Y		Heating (Warmer)		N	
				Heating (Colder)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	P _{designc}	5,3	kW	Cooling	SEER	6,1	-
Heating (Average)	P _{designh}	4,8	kW	Heating (Average)	SCOP (A)	4,1	-
Heating (Warmer)	P _{designh}	5,0	kW	Heating (Warmer)	SCOP (W)	5,0	-
Heating (Colder)	P _{designh}	-	kW	Heating (Colder)	SCOP (C)	-	-
Declared capacity (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature T_j				Declared Energy efficiency ratio (*) for cooling, at indoor temperature 27(19)°C and outdoor temperature T_j			
T _j = 35°C	P _{dc}	5,24	kW	T _j = 35°C	EER _d	3,37	-
T _j = 30°C	P _{dc}	3,85	kW	T _j = 30°C	EER _d	5,02	-
T _j = 25°C	P _{dc}	2,46	kW	T _j = 25°C	EER _d	7,76	-
T _j = 20°C	P _{dc}	1,78	kW	T _j = 20°C	EER _d	12,25	-
Declared capacity (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature T_j				Declared Coefficient of Performance (*) for heating / Average season, at indoor temperature 20°C and outdoor temperature T_j			
T _j = -7°C	P _{dh}	4,29	kW	T _j = -7°C	COP _d	3,04	-
T _j = 2°C	P _{dh}	2,50	kW	T _j = 2°C	COP _d	3,90	-
T _j = 7°C	P _{dh}	1,67	kW	T _j = 7°C	COP _d	5,10	-
T _j = 12°C	P _{dh}	1,85	kW	T _j = 12°C	COP _d	6,60	-
T _j = bivalent temperature	P _{dh}	4,29	kW	T _j = bivalent temperature	COP _d	3,04	-
T _j = operating limit temperature	P _{dh}	4,61	kW	T _j = operating limit temperature	COP _d	2,75	-
Declared capacity (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature T_j				Declared Coefficient of Performance (*) for heating / Warmer season, at indoor temperature 20°C and outdoor temperature T_j			
T _j = 2°C	P _{dh}	5,21	kW	T _j = 2°C	COP _d	3,88	-
T _j = 7°C	P _{dh}	3,24	kW	T _j = 7°C	COP _d	5,68	-
T _j = 12°C	P _{dh}	2,03	kW	T _j = 12°C	COP _d	5,30	-
T _j = bivalent temperature	P _{dh}	5,21	kW	T _j = bivalent temperature	COP _d	3,88	-
T _j = operating limit temperature	P _{dh}	5,21	kW	T _j = operating limit temperature	COP _d	3,88	-
Declared capacity (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature T_j				Declared Coefficient of Performance (*) for heating / Colder season, at indoor temperature 20°C and outdoor temperature T_j			
T _j = -7°C	P _{dh}	-	kW	T _j = -7°C	COP _d	-	-
T _j = 2°C	P _{dh}	-	kW	T _j = 2°C	COP _d	-	-
T _j = 7°C	P _{dh}	-	kW	T _j = 7°C	COP _d	-	-
T _j = 12°C	P _{dh}	-	kW	T _j = 12°C	COP _d	-	-
T _j = bivalent temperature	P _{dh}	-	kW	T _j = bivalent temperature	COP _d	-	-
T _j = operating limit temperature	P _{dh}	-	kW	T _j = operating limit temperature	COP _d	-	-
T _j = -15°C	P _{dh}	-	kW	T _j = -15°C	COP _d	-	-
Bivalent temperature				Operating limit temperature			
Heating (Average)	T _{biv}	-7	°C	Heating (Average)	T _{ol}	-10	°C
Heating (Warmer)	T _{biv}	-	°C	Heating (Warmer)	T _{ol}	-	°C
Heating (Colder)	T _{biv}	-	°C	Heating (Colder)	T _{ol}	-	°C
Power consumption of cycling				Efficiency of cycling			
Cooling	P _{cycc}	-	kW	Cooling	EER _{cycc}	-	-
Heating	P _{cyh}	-	kW	Heating	COP _{cycc}	-	-
Degradation coefficient cooling(**)	C _{dc}	0,25	-	Degradation coefficient heating(**)	C _{dh}	0,25	-
Electric power input in power modes other than "active mode"				Seasonal electricity consumption			
Off mode	P _{OFF}	-	W	Cooling	Q _{CE}	301	kWh/a
Standby mode	P _{SB}	12,0/12,7	W	Heating (Average)(-10°C)	Q _{HE/A}	1639	kWh/a
Thermostat-off mode	P _{TO}	22,0/17,1	W	Heating (Warmer)(+2°C)	Q _{HE/W}	1376	kWh/a
Crankcase heater mode	P _{CK}	-	W	Heating (Colder)(-22°C)	Q _{HE/C}	-	kWh/a
Capacity control type				Other items			
Fixed		N		Sound power level (indoor/outdoor)	L _{WA}	54/65	dB(A)
Staged		N		Refrigerant type		R32	
Variable		Y		Global warming potential	GWP	675	KgCO ₂ eq.
				Rated air flow (indoor/outdoor)		2600	m ³ /h
For more detailed information				ARGOCLIMA SPA - Via A. Varo,35 - Alfianello (BS) - ITALY - www.argoclima.com			

(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