

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 : AQ OUT HY 32 / AQ WNI 12 (x4)

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)			na
				Heating (Colder)(-22°C)			na
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	P _{designc}	9,0	kW	Cooling	SEER	6,7	-
Heating (Average)(-10°C)	P _{designh}	7,7	kW	Heating (Average)(-10°C)	SCOP (A)	4,1	-
Heating (Warmer)(+2°C)	P _{designh}	na	kW	Heating (Warmer)(+2°C)	SCOP (W)	na	-
Heating (Colder)(-22°C)	P _{designh}	na	kW	Heating (Colder)(-22°C)	SCOP (C)	na	-
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}	9,0	kW	T _j = 35°C	EER _d	3,7	-
T _j = 30°C	P _{dc}	6,7	kW	T _j = 30°C	EER _d	6,1	-
T _j = 25°C	P _{dc}	4,3	kW	T _j = 25°C	EER _d	8,0	-
T _j = 20°C	P _{dc}	2,9	kW	T _j = 20°C	EER _d	7,9	-
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}	6,8	kW	T _j = -7°C	COP _d	2,5	-
T _j = 2°C	P _{dh}	4,1	kW	T _j = 2°C	COP _d	4,3	-
T _j = 7°C	P _{dh}	2,7	kW	T _j = 7°C	COP _d	5,0	-
T _j = 12°C	P _{dh}	1,3	kW	T _j = 12°C	COP _d	4,9	-
T _j = bivalent temperature	P _{dh}	6,8	kW	T _j = bivalent temperature	COP _d	2,5	-
T _j = operating limit temperature	P _{dh}	4,9	kW	T _j = operating limit temperature	COP _d	1,7	-
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}	na	kW	T _j = 2°C	COP _d	na	-
T _j = 7°C	P _{dh}	na	kW	T _j = 7°C	COP _d	na	-
T _j = 12°C	P _{dh}	na	kW	T _j = 12°C	COP _d	na	-
T _j = bivalent temperature	P _{dh}	na	kW	T _j = bivalent temperature	COP _d	na	-
T _j = operating limit temperature	P _{dh}	na	kW	T _j = operating limit temperature	COP _d	na	-
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}	na	kW	T _j = -7°C	COP _d	na	-
T _j = 2°C	P _{dh}	na	kW	T _j = 2°C	COP _d	na	-
T _j = 7°C	P _{dh}	na	kW	T _j = 7°C	COP _d	na	-
T _j = 12°C	P _{dh}	na	kW	T _j = 12°C	COP _d	na	-
T _j = bivalent temperature	P _{dh}	na	kW	T _j = bivalent temperature	COP _d	na	-
T _j = operating limit temperature	P _{dh}	na	kW	T _j = operating limit temperature	COP _d	na	-
T _j = -15°C	P _{dh}	na	kW	T _j = -15°C	COP _d	na	-
Bivalent temperature				Operating limit temperature			
Heating (Average)	T _{biv}	-7	°C	Heating (Average)	T _{ol}	-22	°C
Heating (Warmer)	T _{biv}	na	°C	Heating (Warmer)	T _{ol}	na	°C
Heating (Colder)	T _{biv}	na	°C	Heating (Colder)	T _{ol}	na	°C
Power consumption of cycling				Efficiency of cycling			
Cooling	P _{cycc}	na	kW	Cooling	EER _{cycc}	na	-
Heating	P _{cycc}	na	kW	Heating	COP _{cycc}	na	-
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}	na	W	Cooling	Q _{CE}	465	kWh/a
Standby mode	P _{SB}	1,3	W	Heating (Average)(-10°C)	Q _{HE/A}	2631	kWh/a
Thermostat-off mode	P _{TO}	1,3	W	Heating (Warmer)(+2°C)	Q _{HE/W}	na	kWh/a
Crankcase heater mode	P _{CK}	30	W	Heating (Colder)(-22°C)	Q _{HE/C}	na	kWh/a
Capacity control type				Other items			
Fixed		N		Sound power level (indoor/outdoor)	L _{WA}	45/64	dB(A)
Staged		N		Refrigerant type		R410A	
Variable		Y		Global warming potential	GWP	2087,5	KgCO ₂ eq.
				Rated air flow (indoor/outdoor)		600/3000	m ³ /h
For more detailed information				EUROFRED, S.A. -MARQUÉS DE SENTMENAT, 97 08029 BARCELONA - T.: + 34 934 199 797 F.: + 34 934 198 686 www.eurofred.es			

(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