

Information requirements

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2013 and No.626/2013. Information to identify the model(s) to which the information relates to:

split type AIR CONDITIONER

TYPE : WALL-MOUNTED

Indoor unit(s) : HAWI-120A

Outdoor unit : HAOI-120A

Brand : HAMILTON Digital

Function (indicate if present)				if function includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.			
cooling		Y		Average (mandatory)		Y	
heating		Y		Warmer (if designated)		Y	
				Colder (if designated)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	3,5	kW	cooling	SEER	6,4	-
heating/Average	Pdesignh	2,8	kW	heating/Average	SCOP/A	4,1	-
heating/Warmer	Pdesignh	2,9	kW	heating/Warmer	SCOP/W	5,2	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
Declared capacity(*) for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio(*), at indoor temperature 27(19)°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 35°C	Pdc	3,507	kW	Tj = 35°C	EERd	2,65	-
Tj = 30°C	Pdc	2,468	kW	Tj = 30°C	EERd	4,51	-
Tj = 25°C	Pdc	1,577	kW	Tj = 25°C	EERd	7,80	-
Tj = 20°C	Pdc	1,176	kW	Tj = 20°C	EERd	13,65	-
Declared capacity(*) for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance(*)/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7°C	Pdh	2,490	kW	Tj = -7°C	COPd	2,67	-
Tj = 2°C	Pdh	1,529	kW	Tj = 2°C	COPd	4,13	-
Tj = 7°C	Pdh	1,018	kW	Tj = 7°C	COPd	5,22	-
Tj = 12°C	Pdh	1,100	kW	Tj = 12°C	COPd	6,63	-
Tj = bivalent temperature	Pdh	2,490	kW	Tj = bivalent temperature	COPd	2,67	-
Tj = operating limit	Pdh	2,277	kW	Tj = operating limit	COPd	2,55	-
Declared capacity(*) for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance(*)/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2°C	Pdh	2,910	kW	Tj = 2°C	COPd	2,88	-
Tj = 7°C	Pdh	2,003	kW	Tj = 7°C	COPd	4,89	-
Tj = 12°C	Pdh	1,076	kW	Tj = 12°C	COPd	6,61	-

Tj = bivalent temperature	Pdh	2,910	kW	Tj = bivalent temperature	COPd	2,88	-
Tj = operating limit	Pdh	2,910	kW	Tj = operating limit	COPd	2,88	-
Declared capacity(*) for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance(*)/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7°C	Pdh	x,x	kW	Tj = -7°C	COPd	x,x	-
Tj = 2°C	Pdh	x,x	kW	Tj = 2°C	COPd	x,x	-
Tj = 7°C	Pdh	x,x	kW	Tj = 7°C	COPd	x,x	-
Tj = 12°C	Pdh	x,x	kW	Tj = 12°C	COPd	x,x	-
Tj = bivalent temperature	Pdh	x,x	kW	Tj = bivalent temperature	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -15°C	Pdh	x,x	kW	Tj = -15°C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-20	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	2	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcyh	x,x	kW	heating/Warmer	COPcyc	x,x	-
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,00054	kW	cooling	QCE	191	kWh/a
standby mode	Psb	0,00054	kW	heating/Average	Qhe	956	kWh/a
thermostat-off mode (cooling/heating)	Pto	cooling 0.014 heating 0.011	kW	heating/Warmer	Qhe	781	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item				Item	symbol	value	unit
fixed		N		Sound power level (indoor/outdoor)	LWA	56/64	dB(A)
staged		N		Global warming potential	GWP	675	kgCO2 eq
variable		Y		Rated air flow (indoor/outdoor)	-	450/1750	m3/h
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