

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:

AIR CONDITIONER

TYPE : SPLIT
WALL-MOUNTED

Indoor unit(s) : FSAIF-Art-124AE3-W/W-GR/G-BR/B

Outdoor unit : FSOAIF-Art-124AE3

Brand : FISHER

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			
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	8,5	-
heating/Average	Pdesignh	2,5	kW	heating/Average	SCOP/A	4,6	-
heating/Warmer	Pdesignh	3,0	kW	heating/Warmer	SCOP/W	6,0	-
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	3,546	kW	Tj = 35°C	EERd	3,86	-
Tj = 30°C	Pdc	2,461	kW	Tj = 30°C	EERd	6,08	-
Tj = 25°C	Pdc	1,605	kW	Tj = 25°C	EERd	10,08	-
Tj = 20°C	Pdc	1,240	kW	Tj = 20°C	EERd	17,94	-
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 Ti			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = -7°C	Pdh	2,255	kW	Tj = -7°C	COPd	3,26	-
Tj = 2°C	Pdh	1,433	kW	Tj = 2°C	COPd	4,64	-
Tj = 7°C	Pdh	0,983	kW	Tj = 7°C	COPd	5,65	-
Tj = 12°C	Pdh	0,779	kW	Tj = 12°C	COPd	7,02	-
Tj = bivalent temperature	Pdh	2,255	kW	Tj = bivalent temperature	COPd	3,26	-
Tj = operating limit	Pdh	2,049	kW	Tj = operating limit	COPd	3,02	-
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 Ti			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2°C	Pdh	2,995	kW	Tj = 2°C	COPd	3,08	-
Tj = 7°C	Pdh	1,982	kW	Tj = 7°C	COPd	5,64	-
Tj = 12°C	Pdh	0,927	kW	Tj = 12°C	COPd	7,30	-
Tj = bivalent temperature	Pdh	2,995	kW	Tj = bivalent temperature	COPd	3,08	-
Tj = operating limit	Pdh	2,995	kW	Tj = operating limit	COPd	3,08	-

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 Ti			
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	-25	°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	0,001	kW	cooling	QCE	146	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	776	kWh/a
thermostat-off mode	Pto	0.013(C)/ 0.02(H)	kW	heating/Warmer	Qhe	700	kWh/a
crankcase heater mode	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control(indicate one of the options)				Other items			
Item	symbol	value	unit	Item	symbol	value	unit
fixed		Y/N		Sound power level (indoor/outdoor)	LWA	53/62	dB(A)
staged		Y/N		Global warning potential	GWP	675	kgCO2 eq
variable		Y		Rated air flow (indoor/outdoor)	-	700/2200	m3/h
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