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.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to:

	AIR CONDITIONER		
TYPE	: SPLIT		
	WALL-MOUNTED		
Indoor unit(s)	: FSAIF-SU-243AE3		
Outdoor unit	: FSOAIF-SU-243AE3		
Brand	: FISHER		

Function (indicate if present)		if fuction 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)	N
		Colder (if designated)	N

Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	7,0	kW	cooling	SEER	6,1	-
heating/Average	Pdesignh	4,8	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	x,x	kW	heating/Warmer	SCOP/W	x,x	-
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	7,000	kW	Tj = 35°C	EERd	2,76	-
Tj = 30°C	Pdc	4,913	kW	Tj = 30°C	EERd	4,29	-
Tj = 25°C	Pdc	3,055	kW	Tj = 25°C	EERd	7,37	-
Tj = 20°C	Pdc	2,580	kW	Tj = 20°C	EERd	11,83	-
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	4,246	kW	Tj = -7°C	COPd	2,72	-
Tj = 2°C	Pdh	2,634	kW	Tj = 2°C	COPd	3,89	-
Tj = 7°C	Pdh	1,817	kW	Tj = 7°C	COPd	5,10	-
Tj = 12°C	Pdh	2,115	kW	Tj = 12°C	COPd	6,62	-
Tj = bivalent temperature	Pdh	4,246	kW	Tj = bivalent temperature	COPd	2,72	-
Tj = operating limit	Pdh	4,650	kW	Tj = operating limit	COPd	2,30	-
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	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	-
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 = -20℃	Pdh	x,x	kW	Tj = -20℃	COPd	x,x	-

Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	x	°C	heating/Warmer	Tol	x	°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	Pcych	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	Q_{CE}	402	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	1680	kWh/a
thermostat-off mode	Pto	0,018	kW	heating/Warmer	Qhe	x	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	59/67	dB(A)
staged		Y/N		Global warning potential	GWP	675	$kgCO_2$ eq
variable		Y		Rated air flow (indoor/outdoor)	-	980/3000	m^3/h

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