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-Art-120AE2-B
Outdoor unit : FSOAIF-Art-120AE2
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
Design load			
cooling	Pdesignc	3,5	kW
heating/Average	Pdesignh	2,7	kW
heating/Warmer	Pdesignh	x,x	kW
heating/Colder	Pdesignh	x,x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	6,9	-
heating/Average	SCOP/A	4,1	-
heating/Warmer	SCOP/W	x,x	-
heating/Colder	SCOP/C	x,x	-

Declared capacity(*) for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj

Item	symbol	value	unit
Tj = 35°C	Pdc	3,500	kW
Tj = 30°C	Pdc	2,483	kW
Tj = 25°C	Pdc	1,661	kW
Tj = 20°C	Pdc	1,340	kW

Declared energy efficiency ratio(*), at indoor temperature 27(19)°C and outdoor temperature Tj

Item	symbol	value	unit
Tj = 35°C	EERd	3,15	-
Tj = 30°C	EERd	5,21	-
Tj = 25°C	EERd	8,31	-
Tj = 20°C	EERd	13,96	-

Declared capacity(*) for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj

Item	symbol	value	unit
Tj = -7°C	Pdh	2,389	kW
Tj = 2°C	Pdh	1,455	kW
Tj = 7°C	Pdh	0,897	kW
Tj = 12°C	Pdh	1,040	kW
Tj = bivalent temperature	Pdh	2,389	kW
Tj = operating limit	Pdh	1,614	kW

Declared coefficient of performance(*)/Average season, at indoor temperature 20°C and outdoor temperature Tj

Item	symbol	value	unit
Tj = -7°C	COPd	2,70	-
Tj = 2°C	COPd	4,28	-
Tj = 7°C	COPd	5,31	-
Tj = 12°C	COPd	6,46	-
Tj = bivalent temperature	COPd	2,70	-
Tj = operating limit	COPd	1,93	-

Declared capacity(*) for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj

Item	symbol	value	unit
Tj = 2°C	Pdh	x,x	kW
Tj = 7°C	Pdh	x,x	kW
Tj = 12°C	Pdh	x,x	kW

Declared coefficient of performance(*)/Warmer season, at indoor temperature 20°C and outdoor temperature Tj

Item	symbol	value	unit
Tj = 2°C	COPd	x,x	-
Tj = 7°C	COPd	x,x	-
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}	178	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	922	kWh/a
thermostat-off mode	Pto	0,025	kW	heating/Warmer	Qhe	x,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	49/60	dB(A)
staged	Y/N			Global warning potential	GWP	2088	$kgCO_2$ eq
variable	Y			Rated air flow (indoor/outdoor)	-	500/2000	m^3/h
Contact details for obtaining more information	Address: No. 6 Midea Avenue, Beijiao, Shunde, Foshan City, Guangdong Province, P.R. China 528311 Telephone: +86 (0757)26338888 Fax: +86 (0757)26654011						