

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:

TYPE : AIR CONDITIONER
: SPLIT
WALL-MOUNTED
Indoor unit(s) : FSAIF-SU-182AE2
Outdoor unit : FSOAIF-SU-182AE2
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	5,3	kW	cooling	SEER	6,4	-
heating/Average	Pdesignh	4,2	kW	heating/Average	SCOP/A	4,0	-
heating/Warmer	Pdesignh	4,4	kW	heating/Warmer	SCOP/W	5,1	-
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	5,300	kW	Tj = 35°C	EERd	3,23	-
Tj = 30°C	Pdc	3,835	kW	Tj = 30°C	EERd	4,43	-
Tj = 25°C	Pdc	2,472	kW	Tj = 25°C	EERd	7,69	-
Tj = 20°C	Pdc	1,944	kW	Tj = 20°C	EERd	13,05	-
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	3,715	kW	Tj = -7°C	COPd	2,70	-
Tj = 2°C	Pdh	2,410	kW	Tj = 2°C	COPd	3,96	-
Tj = 7°C	Pdh	1,476	kW	Tj = 7°C	COPd	5,13	-
Tj = 12°C	Pdh	1,230	kW	Tj = 12°C	COPd	5,75	-
Tj = bivalent temperature	Pdh	3,715	kW	Tj = bivalent temperature	COPd	2,70	-
Tj = operating limit	Pdh	3,684	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	4,400	kW	Tj = 2°C	COPd	2,86	-
Tj = 7°C	Pdh	3,340	kW	Tj = 7°C	COPd	4,90	-
Tj = 12°C	Pdh	1,557	kW	Tj = 12°C	COPd	6,54	-
Tj = bivalent temperature	Pdh	4,400	kW	Tj = bivalent temperature	COPd	2,86	-
Tj = operating limit	Pdh	4,400	kW	Tj = operating limit	COPd	2,86	-
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°C	Pdh	x,x	kW	Tj = -20°C	COPd	x,x	-
Bivalent temperature				Operating limit temperature			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°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	Q _{CE}	290	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	1470	kWh/a
thermostat-off mode	Pto	0,036	kW	heating/Warmer	Qhe	1208	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		N		Sound power level (indoor/outdoor)	LWA	56/63	dB(A)
staged		N		Global warning potential	GWP	2088	kgCO ₂ eq
variable		Y		Rated air flow (indoor/outdoor)	-	840/2100	m ³ /h
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