

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 UNIT

Indoor unit(s) : FSAIF-BL-91FE3
Outdoor unit : FSOAIF-BL-91FE3
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 the heating season 'Average'.			
cooling		Y		Average (mandatory)		Y	
heating		Y		Warmer (if designated)		Y	
				Colder (if designated)		Y	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	2,600	kW	cooling	SEER	8,50	-
heating/Average	Pdesignh	2,400	kW	heating/Average	SCOP/A	4,60	-
heating/Warmer	Pdesignh	2,5	kW	heating/Warmer	SCOP/W	5,6	-
heating/Colder	Pdesignh	2,7	kW	heating/Colder	SCOP/C	3,4	-
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	2,602	kW	Tj = 35°C	EERd	3,84	-
Tj = 30°C	Pdc	1,905	kW	Tj = 30°C	EERd	6,15	-
Tj = 25°C	Pdc	1,237	kW	Tj = 25°C	EERd	9,90	-
Tj = 20°C	Pdc	0,642	kW	Tj = 20°C	EERd	18,34	-
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	2,125	kW	Tj = -7°C	COPd	2,94	-
Tj = 2°C	Pdh	1,375	kW	Tj = 2°C	COPd	4,76	-
Tj = 7°C	Pdh	0,861	kW	Tj = 7°C	COPd	5,74	-
Tj = 12°C	Pdh	0,941	kW	Tj = 12°C	COPd	7,02	-
Tj = bivalent temperature	Pdh	2,125	kW	Tj = bivalent temperature	COPd	2,94	-
Tj = operating limit	Pdh	2,108	kW	Tj = operating limit	COPd	2,02	-
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 Tj			
Item	symbol	value	unit	Item	symbol	value	unit
Tj = 2°C	Pdh	2,5	kW	Tj = 2°C	COPd	3,113	-
Tj = 7°C	Pdh	1,601	kW	Tj = 7°C	COPd	5,391	-
Tj = 12°C	Pdh	0,938	kW	Tj = 12°C	COPd	6,948	-
Tj = bivalent temperature	Pdh	2,5	kW	Tj = bivalent temperature	COPd	3,113	-
Tj = operating limit	Pdh	2,5	kW	Tj = operating limit	COPd	3,113	-

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	1,771	kW	Tj = -7°C	COPd	2,957	-
Tj = 2°C	Pdh	1,034	kW	Tj = 2°C	COPd	4,12	-
Tj = 7°C	Pdh	0,841	kW	Tj = 7°C	COPd	5,191	-
Tj = 12°C	Pdh	0,928	kW	Tj = 12°C	COPd	6,725	-
Tj = bivalent temperature	Pdh	2,203	kW	Tj = bivalent temperature	COPd	2,076	-
Tj = operating limit	Pdh	1,799	kW	Tj = operating limit	COPd	1,771	-
Tj = -15°C	Pdh	2,203	kW	Tj = -15°C	COPd	2,076	-
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	-15	°C	heating/Colder	Tol	-25	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	N/A	kW	heating/Average	EERcyc	N/A	-
for heating	Pcych	N/A	kW	heating/Warmer	COPcyc	N/A	-
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	-	kW	cooling	Q _{ce}	108	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Q _{he}	731	kWh/a
thermostat-off mode	Pto	0,010	kW	heating/Warmer	Q _{he}	625	kWh/a
crankcase heater mode	Pck	-	kW	heating/Colder	Q _{he}	1668	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	52/60	dB(A)
staged		N		Global warming potential	GWP	675	kgCO ₂ eq
variable		Y		Rated air flow (indoor/outdoor)	-	560/2200	m ³ /h
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