

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) : FSAI-SU-247FE3
Outdoor unit : FSOAI-SU-247FE3
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)		Y	
				Colder (if designated)		Y	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	7,000	kW	cooling	SEER	6,50	-
heating/Average	Pdesignh	5,800	kW	heating/Average	SCOP/A	4,10	-
heating/Warmer	Pdesignh	7,200	kW	heating/Warmer	SCOP/W	5,1	-
heating/Colder	Pdesignh	6,500	kW	heating/Colder	SCOP/C	3,40	-
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	3,40	-
Tj = 30°C	Pdc	5,400	kW	Tj = 30°C	EERd	4,90	-
Tj = 25°C	Pdc	3,600	kW	Tj = 25°C	EERd	8,50	-
Tj = 20°C	Pdc	2,600	kW	Tj = 20°C	EERd	13,90	-
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	5,100	kW	Tj = -7°C	COPd	2,70	-
Tj = 2°C	Pdh	3,200	kW	Tj = 2°C	COPd	4,00	-
Tj = 7°C	Pdh	2,100	kW	Tj = 7°C	COPd	5,50	-
Tj = 12°C	Pdh	1,400	kW	Tj = 12°C	COPd	6,40	-
Tj = bivalent temperature	Pdh	5,100	kW	Tj = bivalent temperature	COPd	2,70	-
Tj = operating limit	Pdh	6,200	kW	Tj = operating limit	COPd	2,40	-
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	7,20	kW	Tj = 2°C	COPd	2,5	-
Tj = 7°C	Pdh	5,10	kW	Tj = 7°C	COPd	4,7	-
Tj = 12°C	Pdh	2,30	kW	Tj = 12°C	COPd	6,7	-
Tj = bivalent temperature	Pdh	7,20	kW	Tj = bivalent temperature	COPd	2,5	-
Tj = operating limit	Pdh	7,20	kW	Tj = operating limit	COPd	2,5	-

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	3,9	kW	Tj = -7°C	COPd	3,00	-
Tj = 2°C	Pdh	2,5	kW	Tj = 2°C	COPd	4,00	-
Tj = 7°C	Pdh	1,5	kW	Tj = 7°C	COPd	4,89	-
Tj = 12°C	Pdh	1,5	kW	Tj = 12°C	COPd	6,50	-
Tj = bivalent temperature	Pdh	5,3	kW	Tj = bivalent temperature	COPd	2,40	-
Tj = operating limit	Pdh	4,5	kW	Tj = operating limit	COPd	2,00	-
Tj = -15°C	Pdh	5,33	kW	Tj = -15°C	COPd	2,40	-
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	-22	°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	-	kW	cooling	Qce	377	kWh/a
standby mode	Psb	0.009/0.009	kW	heating/Average	Qhe	1981	kWh/a
thermostat-off mode	Pto	0.058/0.58	kW	heating/Warmer	Qhe	1977	kWh/a
crankcase heater mode	Pck	-	kW	heating/Colder	Qhe	4015	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	58/69	dB(A)
staged	N			Global warning potential	GWP	675	kgCO ₂ eq
variable	Y			Rated air flow (indoor/outdoor)	-	1100/3000	m ³ /h
Contact details for obtaining more information	TCL Air Conditioner (Zhong Shan) Co., Ltd. 59 Nantou Road West, Nantou, Zhongshan, Guangdong, China						