



MŰSZAKIMEGFELELŐSÉGI NYILATKOZAT

A Columbus KHmaertekesito Kft., mint a gyártó magyarországi hivatalos képviselője, ezúton igazoljuk a Fisher FSAIF-CP-121AE3/FSOAIIF-CP-121AE3 levego-levego hoszivattyu COP/SCOP megfeleloseget, azaz hogy a $COPA2/A20 \geq 3.$, $SCOP \geq 3.4.$

Hivatkozva az „*Europai Bizottsag 206/2012/EU (2012. marcius 6.) rendelet a 2009/125/EK europai parlamenti és tanácsi irányelvnek a legkondicionalo berendezések és a haztartasi ventilatorok környezetbarát tervezésére vonatkozó követelmények tekintetében történő végrehajtásról*” szolo rendelete 3. cikk a *Környezetbarát tervezési követelmények és idoiltemezés (2) bekezdés a) pontjára*, amely kimondja: *a legkondicionalo berendezések – az egycsöves és a ketcsöves legkondicionalo berendezések kivetelevel – meg kell felelniük az I. melleklet 2. pontjanak b) alpontjaban, 3. pontjanak a), b) és c) alpontjaban eloirt követelményeknek;*

E melleklet, amelyet reszletesen a rendelet I. melleklet 3. pontja amely a *Termekinformacios követelményeket* taglaja, annak 1. tablazata szerinti, a gyártó által megadott tablázat alapja jelen igazolasnak.

A melleklet vonatkozó pontjanak megjegyzes rovata szerint: *A gyartonak a fenti 1. tciblázatban megjelolt adatokat annyiban kell feltimtetnie a termék muszaki dokumentaciojaban, amennyiben az a funkcionalitas szempontjabol lenyeges.*

Erre valo hivatkozassal a tablazatot csak a „*funkcionalitas szempontjabol lenyeges*” adatokkal adtuk meg.

Az igazolast a gyártó ezen rendeletben a fent lent modon adja meg a vonatkozó adatokat:

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.206/2013 and No.626/2013. Information to identify the model(s) to which the information relates to:							
AIR CONDITIONER							
TYPE		: mono split					
Indoor unit(s)		: FSAIF-CP-121AE3					
Outdoor unit		: FSOAIIF-CP-121AE3					
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	3,5	kW	cooling	SEER	8,5	-
heating/Average	Pdesignh	2,6	kW	heating/Average	SCOP/A	4,6	-

heating/Warmer	Pdesignh	0,0	kW	heating/Warmer	SCOP/W	#####	-
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	3,500	kW	Tj = 35°C	EERd	4,05	-
Tj = 30°C	Pdc	2,487	kW	Tj = 30°C	EERd	6,18	-
Tj = 25°C	Pdc	1,620	kW	Tj = 25°C	EERd	9,89	-
Tj = 20°C	Pdc	0,975	kW	Tj = 20°C	EERd	17,18	-
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	2,124	kW	Tj = -7°C	COPd	3,07	-
Tj = 2°C	Pdh	1,300	kW	Tj = 2°C	COPd	4,67	-
Tj = 7°C	Pdh	0,850	kW	Tj = 7°C	COPd	5,70	-
Tj = 12°C	Pdh	0,660	kW	Tj = 12°C	COPd	6,70	-
Tj = bivalent temperature	Pdh	2,124	kW	Tj = bivalent temperature	COPd	3,07	-
Tj = operating limit	Pdh	1,926	kW	Tj = operating limit	COPd	3,02	-
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	0,000	kW	Tj = 2°C	COPd	0,00	-
Tj = 7°C	Pdh	0,000	kW	Tj = 7°C	COPd	0,00	-
Tj = 12°C	Pdh	0,000	kW	Tj = 12°C	COPd	0,00	-
Tj = bivalent temperature	Pdh	0,000	kW	Tj = bivalent temperature	COPd	0,00	-
Tj = operating limit	Pdh	0,000	kW	Tj = operating limit	COPd	0,00	-
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 = -15°C	Pdh	x,x	kW	Tj = -15°C	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	-

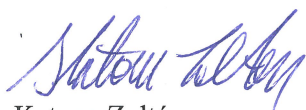
Degradation co-efficient cooling	Cdc	0,25	-	Degradation co-efficient heating	Cdc	0,25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode	Poff	0,001	kW	cooling	QCE	144	kWh/a
standby mode	Psb	0,001	kW	heating/Average	Qhe	730	kWh/a
thermostat-off mode	Pto	0,013	kW	heating/Warmer	Qhe	#####	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	59/65	dB(A)
staged		Y/N		Global warning potential	GWP	675	kgCO2 eq
variable		Y		Rated air flow (indoor/outdoor)	-	x/x	m3/h

tehát a COP=4,67
SCOP_A = 4,6

azaz a keresett COP/SCOP alapján a berendezés megfelel a követelménynek.

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Aláírás:



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