Information requirements

MODEL: KCT22-24IVi/KCT22-24IVo				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)		N	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
cooling	Pdesignc	6.8	kW	cooling	SEER	6.1	-
heating/Average	Pdesignh	4.8	kW	heating/Average	SCOP/A	4.0	-
heating/Warmer	Pdesignh	5.6	kW	heating/Warmer	SCOP/W	5.1	-
heating/Colder	Pdesignh	/	kW	heating/Colder	SCOP/C	/	-
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	6.80	kW	Tj = 35°C	EERd	3.25	-
Tj = 30°C	Pdc	4.73	kW	Tj = 30°C	EERd	4.58	-
Tj = 25°C	Pdc	3.02	kW	Tj = 25°C	EERd	7.37	-
Tj = 20°C	Pdc	1.84	kW	Tj = 20°C	EERd	12.41	-
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	4.25	kW	Tj = -7°C	COPd	2.65	-
Tj = 2°C	Pdh	2.70	kW	Tj = 2℃	COPd	4.14	-
Tj = 7°C	Pdh	1.78	kW	Tj = 7°C	COPd	4.99	-
Tj = 12°C	Pdh	1.59	kW	Tj = 12°C	COPd	5.41	-
Tj = bivalent temperature	Pdh	4.25	kW	Tj = bivalent temperature	COPd	2.65	-
Tj = operating limit	Pdh	4.30	kW	Tj = operating limit	COPd	2.41	-
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	5.61	kW	Tj = 2°C	COPd	2.80	-
Tj = 7°C	Pdh	3.62	kW	Tj = 7°C	COPd	5.09	-
Tj = 12°C	Pdh	1.73	kW	Tj = 12°C	COPd	6.01	-
Tj = bivalent temperature	Pdh	5.61	kW	Tj = bivalent temperature	COPd	2.80	-
Tj = operating limit	Pdh	5.61	kW	Tj = operating limit	COPd	2.80	-
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	/	kW	Tj = -7°C	COPd	/	-
Tj = 2°C	Pdh	/	kW	Tj = 2°C	COPd	/	-
Tj = 7°C	Pdh	/	kW	Tj = 7°C	COPd	/	-
Tj = 12°C	Pdh	/	kW	Tj = 12°C	COPd	/	-
Tj = bivalent temperature	Pdh	/	kW	Tj = bivalent temperature	COPd	/	-
Tj = operating limit	Pdh	/	kW	Tj = operating limit	COPd	/	-
Tj = -15°C	Pdh	/	kW	Tj = -15°C	COPd	/	-
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	/	°C	heating/Colder	Tol	/	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	/	kW	heating/Average	EERcyc	/	-
for heating	Pcych	/	kW	heating/Warmer	COPcyc	/	-
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	390	kWh/a
standby mode	Psb	0.006/0.006	kW	heating/Average	Qhe	1680	kWh/a
thermostat-off mode	Pto	0.066/0.066	kW	heating/Warmer	Qhe	1537	kWh/a
crankcase heater mode	Pck	/	kW	heating/Colder	Qhe	/	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	54/67	dB(A)
staged		N		Global warning potential	GWP	675	kgCO2 eq
variable		Y		Rated air flow (indoor/outdoor)	-	980/3000	m^3/h
Contact details for obtaining more information	G.E.DIMITRIOU S.A., 6 KIFISSOU AV. , EGALEO, P.C. 12242 ATHENS, GREECE						

(*)For staged capacity units, two values divided by a slash ('/') will be declared in each box in the section 'Declared capacity of the unit' and 'declared EER/COP' of the unit. (**)If default Cd = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required.