MODEL: KTN22-18R32 / KTG22-18R32				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 designed)		Y	
				Colder (if designed)		N	
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Design load				**Seasonal efficiency**			
Cooling	Pdesignc	5.2	kW	Cooling	SEER	7.1	-
Heating/Average	Pdesignh	4.2	kW	Heating/Average	SCOP/A	4.2	-
Heating/Warmer	Pdesignh	4.3	kW	Heating/Warmer	SCOP/W	5.7	-
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**			
Tj = 35 °C	Pdc	5.20	kW	Tj = 35 °C	EERd	3.16	-
Tj = 30 °C	Pdc	3.85	kW	Tj = 30 °C	EERd	5.06	-
Tj = 25 °C	Pdc	2.45	kW	Tj = 25 °C	EERd	8.41	-
Tj = 20 °C	Pdc	1.04	kW	Tj = 20 °C	EERd	13.32	-
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**			
Tj = − 7 °C	Pdh	3.79	kW	Tj = − 7 °C	COPd	2.61	-
Tj = 2 °C	Pdh	2.28	kW	Tj = 2 °C	COPd	4.21	-
Tj = 7 °C	Pdh	1.50	kW	Tj = 7 °C	COPd	5.51	-
Tj = 12 °C	Pdh	1.21	kW	Tj = 12 °C	COPd	6.70	-
Tj = bivalent temperature	Pdh	3.63	kW	Tj = bivalent temperature	COPd	2.25	-
Tj = operating limit	Pdh	3.79	kW	Tj = operating limit	COPd	2.61	-
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**			
Tj = 2 °C	Pdh	4.32	kW	Tj = 2 °C	COPd	2.95	-
Tj = 7 °C	Pdh	2.76	kW	Tj = 7 °C	COPd	5.38	-
Tj = 12 °C	Pdh	1.21	kW	Tj = 12 °C	COPd	6.70	-
Tj = bivalent temperature	Pdh	4.32	kW	Tj = bivalent temperature	COPd	2.95	-
Tj = operating limit	Pdh	4.32	kW	Tj = operating limit	COPd	2.95	-
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**			
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	-10	°C
Heating/Warmer	Tbiv	2	°C	Heating/Warmer	Tol	2	°C
Heating/Colder	Tbiv	-10	°C	Heating/Colder	Tol	-22	°C
Cycling interval capacity				**Cycling interval efficiency**			
For Cooling	Pcycc	x,x	kW	For Cooling	EERcyc	x,x	-
For Heating	Pcych	x,x	kW	For Heating	COPcyc	x,x	-
Degradation co-efficient cooling (**)	Cdc	0.25	-	Degradation co-efficient cooling (**)	Cdh	0.25	-
Electric power input in power modes other than 'active mode'				**Annual electricity consumption**			
Off Mode	P_{OFF}	0.00201	kW	Cooling	Q_{Ce}	256	kWh/a
Standby Mode	P_{SB}	0.00201	kW	Heating/Average	Q_{HE}	1400	kWh/a
Thermostat-Off Mode	P_{TO}	0.00585/ 0.00942	kW	Heating/Warmer	Q_{HE}	1056	kWh/a
Crankcase Heater Mode	P_{CK}	0	kW	Heating/Colder	Q_{HE}	-	kWh/a
Capacity control (indicate one of three options)				**Other items**			
Fixed		N		Sound power level (indoor/outdoor)	L_{WA}	(60/65)	dB(A)
Staged		N		Global warming potential	GWP	675	kgCO₂eq.
Variable		Y		Rated air flow (indoor/outdoor)	-	(850/2200)	m³ /h
Contact details for obtaining more information	TOYOTOMI CO., LTD. 5-17, MOMOZONO-CHO MIZUHO-KU, NAGOYA, 467-0855 JAPAN						

(*)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.