

TRN-TRG-528ZR				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)		Y	
Item	symbol	value	unit	Item	symbol	value	unit
Design load				Seasonal efficiency			
Cooling	Pdesignc	2.6	kW	Cooling	SEER	6.1	-
Heating/Average	Pdesignh	2.6	kW	Heating/Average	SCOP/A	4.0	-
Heating/Warmer	Pdesignh	2.8	kW	Heating/Warmer	SCOP/W	5.1	-
Heating/Colder	Pdesignh	2.6	kW	Heating/Colder	SCOP/C	3.2	-
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	1.60	kW	Tj = 35 °C	EERd	3.41	-
Tj = 30 °C	Pdc	1.92	kW	Tj = 30 °C	EERd	4.89	-
Tj = 25 °C	Pdc	1.23	kW	Tj = 25 °C	EERd	6.72	-
Tj = 20 °C	Pdc	0.55	kW	Tj = 20 °C	EERd	9.23	-
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	2.30	kW	Tj = - 7 °C	COPd	2.62	-
Tj = 2 °C	Pdh	1.40	kW	Tj = 2 °C	COPd	3.93	-
Tj = 7 °C	Pdh	0.90	kW	Tj = 7 °C	COPd	5.02	-
Tj = 12 °C	Pdh	0.40	kW	Tj = 12 °C	COPd	7.04	-
Tj = bivalent temperature	Pdh	0.87	kW	Tj = bivalent temperature	COPd	2.66	-
Tj = operating limit	Pdh	2.60	kW	Tj = operating limit	COPd	2.68	-
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	2.80	kW	Tj = 2 °C	COPd	2.16	-
Tj = 7 °C	Pdh	1.80	kW	Tj = 7 °C	COPd	4.71	-
Tj = 12 °C	Pdh	0.80	kW	Tj = 12 °C	COPd	6.55	-
Tj = bivalent temperature	Pdh	2.80	kW	Tj = bivalent temperature	COPd	2.34	-
Tj = operating limit	Pdh	2.57	kW	Tj = operating limit	COPd	2.87	-
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	1.57	kW	Tj = - 7 °C	COPd	2.83	-
Tj = 2 °C	Pdh	0.96	kW	Tj = 2 °C	COPd	3.97	-
Tj = 7 °C	Pdh	0.62	kW	Tj = 7 °C	COPd	4.39	-
Tj = 12 °C	Pdh	0.27	kW	Tj = 12 °C	COPd	2.44	-
Tj = bivalent temperature	Pdh	0.87	kW	Tj = bivalent temperature	COPd	1.94	-
Tj = operating limit	Pdh	2.46	kW	Tj = operating limit	COPd	0.89	-
Tj = - 15 °C	Pdh	2.12	kW	Tj = - 15 °C	COPd	1.94	-
Bivalent temperature				Operating limit temperature			
Heating/Average	Tbiv	-7	°C	Heating/Average	Toi	-10	°C
Heating/Warmer	Tbiv	4	°C	Heating/Warmer	Toi	2	°C
Heating/Colder	Tbiv	-15	°C	Heating/Colder	Toi	-20	°C
Cycling interval capacity				Cycling interval efficiency			
For Cooling	Pcycc	x,x	kW	For Cooling	EERcyc	x,x	-
For Heating	Pcyh	x,x	kW	For Heating	COPcyc	x,x	-
Degradation co-efficient cooling (**)	Cdc	x,x	-	Degradation co-efficient cooling (**)	Cdh	x,x	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
Off Mode	P <sub>OFF</sub>	0.00496	kW	Cooling	Q <sub>CE</sub>	149	kWh/a
Standby Mode	P <sub>SB</sub>	0.00496	kW	Heating/Average	Q <sub>HE</sub>	910	kWh/a
Thermostat-Off Mode	P <sub>TO</sub>	0.00415/ 0.00976	kW	Heating/Warmer	Q <sub>HE</sub>	769	kWh/a
Crankcase Heater Mode	P <sub>CK</sub>	0	kW	Heating/Colder	Q <sub>HE</sub>	1706	kWh/a
Capacity control (indicate one of three options)				Other items			
Fixed	N			Sound power level (indoor/outdoor)	L <sub>WA</sub>	(55/61)	dB(A)
Staged	N			Global warming potential	GWP	2087.5	kgCO <sub>2</sub> e q.
Variable	Y			Rated air flow (indoor/outdoor)	-	(560/1600)	m <sup>3</sup> /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.							