

MODEL: TRN-2128ZR / TRG-2128ZR				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	2.7	kW	Cooling	SEER	7.5	-
Heating/Average	Pdesignh	2.7	kW	Heating/Average	SCOP/A	4.2	-
Heating/Warmer	Pdesignh	3.0	kW	Heating/Warmer	SCOP/W	5.3	-
Heating/Colder	Pdesignh	4.0	kW	Heating/Colder	SCOP/C	3.4	-
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	2.79	kW	Tj = 35 °C	EERd	3.89	-
Tj = 30 °C	Pdc	2.06	kW	Tj = 30 °C	EERd	5.82	-
Tj = 25 °C	Pdc	1.27	kW	Tj = 25 °C	EERd	9.35	-
Tj = 20 °C	Pdc	0.77	kW	Tj = 20 °C	EERd	11.87	-
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	2.43	kW	Tj = - 7 °C	COPd	3.00	-
Tj = 2 °C	Pdh	1.40	kW	Tj = 2 °C	COPd	4.16	-
Tj = 7 °C	Pdh	0.95	kW	Tj = 7 °C	COPd	5.12	-
Tj = 12 °C	Pdh	0.97	kW	Tj = 12 °C	COPd	6.44	-
Tj = bivalent temperature	Pdh	2.82	kW	Tj = bivalent temperature	COPd	2.70	-
Tj = operating limit	Pdh	2.82	kW	Tj = operating limit	COPd	2.70	-
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	3.10	kW	Tj = 2 °C	COPd	2.68	-
Tj = 7 °C	Pdh	1.92	kW	Tj = 7 °C	COPd	5.18	-
Tj = 12 °C	Pdh	0.97	kW	Tj = 12 °C	COPd	6.44	-
Tj = bivalent temperature	Pdh	3.10	kW	Tj = bivalent temperature	COPd	2.68	-
Tj = operating limit	Pdh	3.10	kW	Tj = operating limit	COPd	2.68	-
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	2.43	kW	Tj = - 7 °C	COPd	3.00	-
Tj = 2 °C	Pdh	1.40	kW	Tj = 2 °C	COPd	4.16	-
Tj = 7 °C	Pdh	0.95	kW	Tj = 7 °C	COPd	5.12	-
Tj = 12 °C	Pdh	0.97	kW	Tj = 12 °C	COPd	6.44	-
Tj = bivalent temperature	Pdh	2.10	kW	Tj = bivalent temperature	COPd	1.88	-
Tj = operating limit	Pdh	2.82	kW	Tj = operating limit	COPd	2.70	-
Tj = - 15 °C	Pdh	2.58	kW	Tj = - 15 °C	COPd	2.18	-
Bivalent temperature				Operating limit temperature			
Heating/Average	Tbiv	-10	°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	Pcyh	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}	0.00194	kW	Cooling	Q _{ce}	126	kWh/a
Standby Mode	P _{SB}	0.00194	kW	Heating/Average	Q _{HE}	900	kWh/a
Thermostat-Off Mode	P _{TO}	0.005210 / 0.022310	kW	Heating/Warmer	Q _{HE}	792	kWh/a
Crankcase Heater Mode	P _{CK}	0	kW	Heating/Colder	Q _{HE}	2471	kWh/a
Capacity control (indicate one of three options)				Other items			
Fixed	N			Sound power level (indoor/outdoor)	L _{WA}	(54/61)	dB(A)
Staged	N			Global warming potential	GWP	675	kgCO ₂ e q.
Variable	Y			Rated air flow (indoor/outdoor)	-	(610/1950)	m ³ / 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.							