

HTN-HTG-09IV				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	2.5	kW	Cooling	SEER	6.1	-
Heating/Average	Pdesignh	2.5	kW	Heating/Average	SCOP/A	4.0	-
Heating/Warmer	Pdesignh	2.5	kW	Heating/Warmer	SCOP/W	5.1	-
Heating/Colder	Pdesignh	4.0	kW	Heating/Colder	SCOP/C	3.3	-
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	2.5	kW	Tj = 35 °C	EERd	3.2	-
Tj = 30 °C	Pdc	1.84	kW	Tj = 30 °C	EERd	4.9	-
Tj = 25 °C	Pdc	1.18	kW	Tj = 25 °C	EERd	7.1	-
Tj = 20 °C	Pdc	0.53	kW	Tj = 20 °C	EERd	11	-
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	2.21	kW	Tj = - 7 °C	COPd	2.73	-
Tj = 2 °C	Pdh	1.35	kW	Tj = 2 °C	COPd	3.97	-
Tj = 7 °C	Pdh	0.87	kW	Tj = 7 °C	COPd	4.76	-
Tj = 12 °C	Pdh	0.38	kW	Tj = 12 °C	COPd	5.95	-
Tj = bivalent temperature	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.13	-
Tj = operating limit	Pdh	2.5	kW	Tj = operating limit	COPd	2.13	-
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	2.5	kW	Tj = 2 °C	COPd	3.5	-
Tj = 7 °C	Pdh	1.61	kW	Tj = 7 °C	COPd	4.61	-
Tj = 12 °C	Pdh	0.71	kW	Tj = 12 °C	COPd	5.95	-
Tj = bivalent temperature	Pdh	2.9	kW	Tj = bivalent temperature	COPd	3.35	-
Tj = operating limit	Pdh	2.5	kW	Tj = operating limit	COPd	3.35	-
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	2.42	kW	Tj = - 7 °C	COPd	2.45	-
Tj = 2 °C	Pdh	1.47	kW	Tj = 2 °C	COPd	3.97	-
Tj = 7 °C	Pdh	0.95	kW	Tj = 7 °C	COPd	4.76	-
Tj = 12 °C	Pdh	0.42	kW	Tj = 12 °C	COPd	5.95	-
Tj = bivalent temperature	Pdh	2.9	kW	Tj = bivalent temperature	COPd	1.78	-
Tj = operating limit	Pdh	4	kW	Tj = operating limit	COPd	1.78	-
Tj = - 15 °C	Pdh	3.26	kW	Tj = - 15 °C	COPd	2.5	-
Bivalent temperature				Operating limit temperature			
Heating/Average	Tbiv	-10	°C	Heating/Average	Toi	-10	°C
Heating/Warmer	Tbiv	2	°C	Heating/Warmer	Toi	2	°C
Heating/Colder	Tbiv	-22	°C	Heating/Colder	Toi	-22	°C
Cycling interval capacity				Cycling interval efficiency			
For Cooling	Pcycc	x,x	kW	For Cooling	EERcyc	x,x	-
For Heating	Pcyhc	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 _{OFF}	0.004065	kW	Cooling	Q _{CE}	143	kWh/a
Standby Mode	P _{SB}	0.004065	kW	Heating/Average	Q _{HE}	875	kWh/a
Thermostat-Off Mode	P _{TO}	0.004065 / 0.005864	kW	Heating/Warmer	Q _{HE}	686	kWh/a
Crankcase Heater Mode	P _{CK}	0	kW	Heating/Colder	Q _{HE}	2545	kWh/a
Capacity control (indicate one of three options)				Other items			
Fixed	N			Sound power level (indoor/outdoor)	L _{WA}	(50/60)	dB(A)
Staged	N			Global warming potential	GWP	2087.5	kgCO ₂ e q.
Variable	Y			Rated air flow (indoor/outdoor)	-	(480/1600)	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.							