

MODEL: UTN-09AP /UTG-09AP				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	P _{designc}	2.7	kW	Cooling	SEER	6.6	-
Heating/Average	P _{designh}	2.5	kW	Heating/Average	SCOP/A	4.2	-
Heating/Warmer	P _{designh}	2.8	kW	Heating/Warmer	SCOP/W	5.2	-
Heating/Colder	P _{designh}	x	kW	Heating/Colder	SCOP/C	x	-
Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature T _j				Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature T _j			
T _j = 35 °C	P _{dc}	2.71	kW	T _j = 35 °C	EER _d	3.68	-
T _j = 30 °C	P _{dc}	1.93	kW	T _j = 30 °C	EER _d	5.35	-
T _j = 25 °C	P _{dc}	1.23	kW	T _j = 25 °C	EER _d	7.45	-
T _j = 20 °C	P _{dc}	0.71	kW	T _j = 20 °C	EER _d	11.22	-
Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	2.22	kW	T _j = - 7 °C	COP _d	2.76	-
T _j = 2 °C	P _{dh}	1.33	kW	T _j = 2 °C	COP _d	4.34	-
T _j = 7 °C	P _{dh}	0.88	kW	T _j = 7 °C	COP _d	5.00	-
T _j = 12 °C	P _{dh}	0.85	kW	T _j = 12 °C	COP _d	6.18	-
T _j = bivalent temperature	P _{dh}	2.61	kW	T _j = bivalent temperature	COP _d	2.38	-
T _j = operating limit	P _{dh}	2.61	kW	T _j = operating limit	COP _d	2.38	-
Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = 2 °C	P _{dh}	2.82	kW	T _j = 2 °C	COP _d	2.62	-
T _j = 7 °C	P _{dh}	1.82	kW	T _j = 7 °C	COP _d	4.99	-
T _j = 12 °C	P _{dh}	0.85	kW	T _j = 12 °C	COP _d	6.18	-
T _j = bivalent temperature	P _{dh}	2.82	kW	T _j = bivalent temperature	COP _d	2.62	-
T _j = operating limit	P _{dh}	2.82	kW	T _j = operating limit	COP _d	2.62	-
Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	N/A	kW	T _j = - 7 °C	COP _d	N/A	-
T _j = 2 °C	P _{dh}	N/A	kW	T _j = 2 °C	COP _d	N/A	-
T _j = 7 °C	P _{dh}	N/A	kW	T _j = 7 °C	COP _d	N/A	-
T _j = 12 °C	P _{dh}	N/A	kW	T _j = 12 °C	COP _d	N/A	-
T _j = bivalent temperature	P _{dh}	N/A	kW	T _j = bivalent temperature	COP _d	N/A	-
T _j = operating limit	P _{dh}	N/A	kW	T _j = operating limit	COP _d	N/A	-
T _j = - 15 °C	P _{dh}	-	kW	T _j = - 15 °C	COP _d	-	-
Bivalent temperature				Operating limit temperature			
Heating/Average	T _{biv}	-10	°C	Heating/Average	T _{ol}	-10	°C
Heating/Warmer	T _{biv}	2	°C	Heating/Warmer	T _{ol}	2	°C
Heating/Colder	T _{biv}	x	°C	Heating/Colder	T _{ol}	x	°C
Cycling interval capacity				Cycling interval efficiency			
For Cooling	P _{cycc}	x,x	kW	For Cooling	EER _{cyc}	x,x	-
For Heating	P _{cyh}	x,x	kW	For Heating	COP _{cyc}	x,x	-
Degradation co-efficient cooling (**)	C _{dc}	0.25	-	Degradation co-efficient cooling (**)	C _{dh}	0.25	-
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
Off Mode	P _{OFF}	0.00251	kW	Cooling	Q _{ce}	143	kWh/a
Standby Mode	P _{SB}	0.00251	kW	Heating/Average	Q _{HE}	833	kWh/a
Thermostat-Off Mode	P _{TO}	0.00441/ 0.01806	kW	Heating/Warmer	Q _{HE}	754	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}	(55/62)	dB(A)
Staged	N			Global warming potential	GWP	675	kgCO ₂ e q.
Variable	Y			Rated air flow (indoor/outdoor)	-	(550/1950)	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.							