

MODEL: UTN-24AP / UTG-24AP				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	7.1	kW	Cooling	SEER	7.0	-
Heating/Average	Pdesignh	5.6	kW	Heating/Average	SCOP/A	4.2	-
Heating/Warmer	Pdesignh	5.7	kW	Heating/Warmer	SCOP/W	5.4	-
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	7.11	kW	Tj = 35 °C	EERd	3.58	-
Tj = 30 °C	Pdc	5.18	kW	Tj = 30 °C	EERd	5.29	-
Tj = 25 °C	Pdc	3.33	kW	Tj = 25 °C	EERd	8.46	-
Tj = 20 °C	Pdc	2.86	kW	Tj = 20 °C	EERd	12.52	-
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	4.82	kW	Tj = - 7 °C	COPd	2.85	-
Tj = 2 °C	Pdh	2.92	kW	Tj = 2 °C	COPd	4.07	-
Tj = 7 °C	Pdh	1.98	kW	Tj = 7 °C	COPd	5.53	-
Tj = 12 °C	Pdh	2.45	kW	Tj = 12 °C	COPd	6.81	-
Tj = bivalent temperature	Pdh	5.66	kW	Tj = bivalent temperature	COPd	2.01	-
Tj = operating limit	Pdh	5.66	kW	Tj = operating limit	COPd	2.01	-
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	5.71	kW	Tj = 2 °C	COPd	2.69	-
Tj = 7 °C	Pdh	3.60	kW	Tj = 7 °C	COPd	5.25	-
Tj = 12 °C	Pdh	2.45	kW	Tj = 12 °C	COPd	6.81	-
Tj = bivalent temperature	Pdh	5.71	kW	Tj = bivalent temperature	COPd	2.69	-
Tj = operating limit	Pdh	5.71	kW	Tj = operating limit	COPd	2.69	-
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	3.73	kW	Tj = - 7 °C	COPd	2.93	-
Tj = 2 °C	Pdh	2.25	kW	Tj = 2 °C	COPd	4.13	-
Tj = 7 °C	Pdh	1.98	kW	Tj = 7 °C	COPd	5.53	-
Tj = 12 °C	Pdh	2.45	kW	Tj = 12 °C	COPd	6.81	-
Tj = bivalent temperature	Pdh	4.82	kW	Tj = bivalent temperature	COPd	1.82	-
Tj = operating limit	Pdh	5.20	kW	Tj = operating limit	COPd	1.86	-
Tj = - 15 °C	Pdh	-	kW	Tj = - 15 °C	COPd	-	-
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	-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	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}	0.00509	kW	Cooling	Q _{ce}	355	kWh/a
Standby Mode	P _{SB}	0.00509	kW	Heating/Average	Q _{HE}	1867	kWh/a
Thermostat-Off Mode	P _{TO}	0.00211/ 0.01388	kW	Heating/Warmer	Q _{HE}	1478	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}	(64/70)	dB(A)
Staged	N			Global warming potential	GWP	675	kgCO ₂ e q.
Variable	Y			Rated air flow (indoor/outdoor)	-	(1250/3600)	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.							