

TOYOTOMI UMI (c) 2022

MODEL		UTNUTG-09AF	UTNUTG-12AF	UTNUTG-17AF	UTNUTG-23AF	UTNUTG-28AF	UTNUTG-35AF		
DESIGN LOAD (Design)		New Model							
Design (Average Zone)		kW	2.7	3.2	4.6	5.2	6.2	7.1	
Design (Warmer Zone)		kW	2.8	2.7	3.7	4.2	4.7	5.6	
COOLING / HEATING CAPACITY		kW	2.8	2.8	3.6	4.3	4.7	5.7	
COOLING	CAPACITY	lit/h	9,222	10,918	15,095	17,742	21,154	24,220	
	RANGE CAPACITY	kW	2.20	3.071-11,224	4.40	3.412-10,094	4.40	3.20	4.10
	RANGE CAPACITY	kW	2.047-11,001	3.071-11,224	4.40	3.412-10,094	4.40	3.20	4.10
HEATING	CAPACITY	lit/h	11,001	12,722	17,742	21,154	24,220	28,000	
	RANGE CAPACITY	kW	3.40	3.40	5.00	5.00	6.50	7.00	8.00
	RANGE CAPACITY	kW	2.047-11,224	3.071-11,989	4.412-10,278	3.412-10,278	4.412-10,278	4.412-10,278	6.156-21,200
SEASONAL EFFICIENCY									
COOLING	SEER		6.6	6.2	6.4	7.1	6.8	7.0	
	Cooling Energy Class		A++	A++	A++	A++	A++	A++	
	SCOP		4.1	4.1	4.0	4.2	4.0	4.2	
	Energy Class Average Zone		A+	A+	A+	A+	A+	A+	
HEATING	SEER		5.2	5.1	5.1	5.7	5.1	5.4	
	Energy Class Warmer Zone		A+++	A+++	A+++	A+++	A+++	A+++	
	Energy Class Warmer Zone		A+++	A+++	A+++	A+++	A+++	A+++	
	Energy Class Warmer Zone		A+++	A+++	A+++	A+++	A+++	A+++	
ELECTRICAL DATA									
PHASE VOLTAGE-FREQUENCY		PhV/Hz	1-220-240V/50	1-220-240V/50	1-220-240V/50	1-220-240V/50	1-220-240V/50	1-220-240V/50	
COOLING		kWh/a	145	175	231	265	319	355	
HEATING Ph/Single		kWh/a	833	922	1292	1480	1645	1867	
ANNUAL ELECTRICITY CONSUMPTION Average Zone (Q <sub>all</sub> )		kWh/a	774	799	988	1056	1280	1479	
ANNUAL ELECTRICITY CONSUMPTION Warmer Zone (Q <sub>all</sub> )		kWh/a	1002	1008	1300	1360	1600	1800	
STANDBY POWER CONSUMPTION		kWh/a	0.0025	0.0028	0.0035	0.0031	0.0042	0.0050	
PERFORMANCE									
REEMIT REMOVAL		kg	1.0	1.0	1.0	1.0	1.0	1.0	
AIR FLOW VOLUME (SE/HE/Mb/M/Min/Loc/Lo/Hi)		m³/h	350/350/430/290	480/320/490/430	650/350/700/600	850/350/850/750/520/440	1100/350/1200/650	1250/1100/1050/900/850/800	
SOUND POWER LEVEL OF INDOOR UNIT (SE/HE/Mb/M/Min/Loc/Lo/Hi)		dB(A)	57/48/44/36	57/48/43/39	59/52/48/44	60/50/44/51/49/47/43	61/52/49/42	64/50/56/53/51/51/48	
SOUND POWER LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	40/38/34/21	41/38/35/29	44/42/38/34	44/43/41/38/36/34/30	47/44/39/35	48/44/41/40/38/37/33	
SOUND POWER LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	52	49	49	49	49	49	
SOUND POWER LEVEL OF OUTDOOR UNIT (Hi)		dB(A)	51	52	53	56	58	59	
DIMENSIONS AND WEIGHT									
INDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	770*251*190	849*289*215	972*300*225	972*309*225	1081*325*248	1081*325*248	
	PACKING DIMENSIONS (W*H*P)	mm	817*308*251	897*342*260	1017*366*289	1017*366*289	1127*392*324	1127*392*324	
	Net/Gross WEIGHT	kg	8.5/10	10.5/12.5	13.7/16	13.7/16	16.7/19.5	16.7/19.5	
OUTDOOR UNIT	PRODUCT DIMENSIONS (W*H*P)	mm	732*550*130	732*550*130	732*550*130	802*550*130	873*550*136	950*606*142	
	PACKING DIMENSIONS (W*H*P)	mm	789*590*160	789*590*160	789*590*160	849*590*194	949*642*191	1029*716*143	
	Net/Gross WEIGHT	kg	20/22.2	23.2/25.5	26.5/29	26.5/29	30.8/33.8	34.8/38	
CONNECTION PIPE SIZE									
INDOOR UNIT	Liquid	mm (inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	
	Gas	mm (inch)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	
	Maximum pipe length	m	10	10	10	10	10	10	
OUTDOOR UNIT	Liquid	mm (inch)	10	10	10	10	10	10	
	Gas	mm (inch)	10	10	10	10	10	10	
	Maximum pipe length	m	10	10	10	10	10	10	
GENERAL SPECIFICATIONS									
OPERATION FUNCTION									
Operation Temperature Limit °C		Cooling	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	18 ~ 43	
HEATING		Heating	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	
REFRIGERANT		kg	0.53	0.53	0.53	0.53	0.53	0.53	
REFRIGERANT CHARGE		kg	0.53	0.53	0.53	0.53	0.53	0.53	
ELECTRICAL		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
ON/OFF		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
WiFi PRE-INSTALLED		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
FILTERS									
1st Ductwork Filter									
1st HEPA Filter (HEPA/High Efficiency) (Biology sterilization)									
Active Carbon									
"IP" FUNCTION INTELLIGENT PREHEATING		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
TURBO FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
TIMER FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
INTELLIGENT DEFROST		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
DEFROSTING SYSTEM		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
DEFROSTING SYSTEM FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
AUTORESTART FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
AUTO CLEAN FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
SELF CLEAN/STRAZAZATERN FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
SMOOTH START FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
ENERGY SAVING FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
HORIZONTAL AUTO SWING		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
VERTICAL AUTO SWING		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
LIGHT FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
SLEEP FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
ANTI-COMPRESSION PROTECTION "BLUE FAN"		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
COVER MEMORY POSITION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
FAN SPEED		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
FAN SPEED		NO	NO	NO	NO	NO	NO	NO	
TANSEN FUNCTION		NO	NO	NO	NO	NO	NO	NO	
WORK CONTROL		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
TSC HEATING FUNCTION		Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	
CONNECTION WITH WIRELESS CONTROLLER		OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
HOTEL MENU REMOTE CONTROLLER		OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
DOOR CONTROL CARD		OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	
COUNTRY OF ORIGIN									
For Code Indoor Unit			538502010114	538502010118	538502010122	538502010126	538502010130	538502010134	
For Code Outdoor Unit			538502010121	538502010125	538502010129	538502010133	538502010137	538502010141	