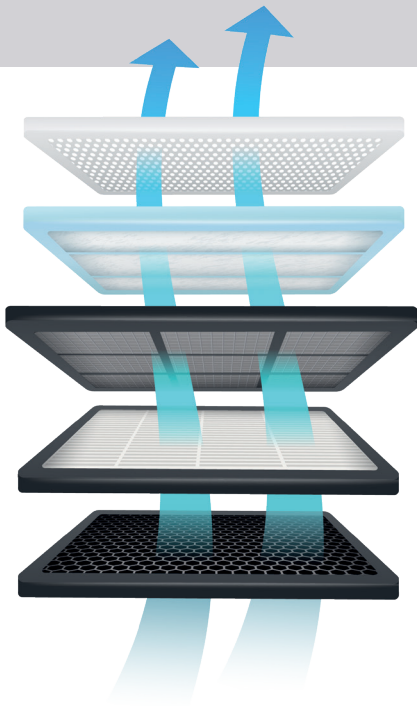


UMI

ALL DC INVERTER



A NEWFOUND SENSE OF PURE ATMOSPHERE



Toyotomi Umi is designed with respect for the environment and humans! An extremely effective way to deal with pollution of the indoor air is achieved thanks to Ionizer, the enhanced Hepa 3PLUS triple filter (Hepa / Biology Sterilization / Silver Ion), and the Active Carbon filter. Self Clean sterilization function at 56°C and Autoclean function maintain the indoor atmosphere clean and healthy.

A+++

HIGH ENERGY CLASS



WiFi FUNCTION



IONIZER



SELF CLEAN STERILIZATION FUNCTION AT 56°C



ENERGY SAVING FUNCTION



"8°C HEATING" FUNCTION

UMI ALL DC Inverter			UTN/UTG-09CH	UTN/UTG-12CH	UTN/UTG-18CH	UTN/UTG-24CH
PDESIGN						
PDESIGNC		kW	2,7	3,2	5,3	7,1
Pdesignh (Average Zone)		kW	2,7	2,8	4,2	5,6
Pdesignh (Warmer Zone)		kW	2,9	3,0	4,3	5,7
COOLING / HEATING CAPACITY						
COOLING*	CAPACITY	Btu/h	9,212	10,918	18,084	24,225
		kW	2,70	3,20	5,30	7,10
	RANGE CAPACITY	Btu/h	1.365 - 12.624	2.400 - 13.650	3.412 - 21.837	6.800 - 30.200
		kW	0,40 - 3,70	0,70 - 4,00	1,00 - 6,40	2,00 - 8,85
HEATING*	CAPACITY	Btu/h	10,236	11,601	19,107	26,614
		kW	3,00	3,40	5,60	7,80
	RANGE CAPACITY	Btu/h min	2.388 - 13.648	2.400 - 14.000	4.094 - 23.202	6.150 - 32.200
		kW	0,70 - 4,00	0,70 - 4,10	1,20 - 6,80	1,80 - 9,45
SEASONAL EFFICIENCY						
COOLING Pdesignc	SEER		8,5	8,5	7,3	7,0
	COOLING ENERGY CLASS		A+++	A+++	A++	A++
HEATING Pdesignh	SCOP AVERAGE ZONE		4,6	4,1	4,2	4,2
	ENERGY CLASS AVERAGE ZONE		A++	A+	A+	A+
	SCOP WARMER ZONE		5,7	5,1	5,6	5,4
	ENERGY CLASS WARMER ZONE		A+++	A+++	A+++	A+++
ELECTRICAL DATA						
PHASE-VOLTAGE-FREQUENCY		V-Hz-Ph	220~240V-50-1	220~240V-50-1	220~240V-50-1	220~240V-50-1
COOLING Pdesignc	ANNUAL ELECTRICITY CONSUMPTION (Q _{CE})	kWh/a	111	132	254	355
HEATING Pdesignh	ANNUAL ELECTRICITY CONSUMPTION AVERAGE ZONE (Q _{HE})	kWh/a	822	956	1400	1867
	ANNUAL ELECTRICITY CONSUMPTION WARMER ZONE (Q _{HE})	kWh/a	712	824	1075	1478
PERFORMANCES						
HUMIDITY REMOVAL		L/h	0,8	1,4	1,8	2,4
AIR FLOW VOLUME INDOOR UNIT (SHi/Hi/Mhi/M/MLo/Lo/Slo/SS)		m ³ /h	610/530/500/450/350/290/230/180	650/550/470/420/380/350/310	1000/960/870/810/720/640/600/350	1250/1100/1000/950/900/850/800/600
SOUND POWER LEVEL OF INDOOR UNIT COOLING (SHi/Hi/Mhi/M/MLo/Lo/Slo/SS)		dB(A)	57/50/48/45/40/37/36/32	60/53/49/46/43/40/38	60/58/56/54/48/44/41/38	64/59/56/55/53/51/48/42
SOUND POWER LEVEL OF INDOOR UNIT HEATING (SHi/Hi/Mhi/M/MLo/Lo/Slo)		dB(A)	57/50/48/45/44/43/41	58/50/47/44/42/40/37	60/58/55/52/51/50/47	64/62/58/56/55/51/50
SOUND PRESSURE LEVEL OF INDOOR UNIT COOLING (SHi/Hi/Mhi/M/MLo/Lo/Slo/SS)		dB(A)	39/36/34/31/26/24/22/18	43/39/37/34/31/28/26	47/45/43/41/35/30/28/25	48/44/41/40/38/37/35/27
SOUND PRESSURE LEVEL OF INDOOR UNIT HEATING (SHi/Hi/Mhi/M/MLo/Lo/Slo)		dB(A)	39/36/34/31/30/29/27	41/38/35/32/30/28/25	46/44/41/38/37/36/33	50/47/43/41/40/38/36
SOUND POWER LEVEL OF OUTDOOR UNIT (Hi)			61	60	65	70
SOUND PRESSURE LEVEL OF OUTDOOR UNIT (HI)			51	52	56	59
DIMENSIONS AND WEIGHT						
INDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	835x275x200	835x275x200	943x333x246	1078x333x246
	NET WEIGHT	Kg	8,5	9	13	15
OUTDOOR UNIT	PRODUCT DIMENSIONS (W*H*D)	mm	732x555x330	732x555x330	802x555x350	958x660x402
	NET WEIGHT	Kg	23,5	27	31,5	41,5
OUTDOOR			METALLIC	METALLIC	METALLIC	METALLIC
CONNECTION PIPE SIZE						
PIPING SIZE	LIQUID	mm (inch)	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")	12,7 (1/2")	15,88 (5/8")
	MAXIMUM PIPE LENGTH	m	15	20	25	25
	MAXIMUM PIPE HEIGHT	m	10	10	10	10
GENERAL SPECIFICATIONS						
INVERTER FUNCTION			YES	YES	YES	YES
OPERATION TEMPERATURE LIMIT	COOLING	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
	HEATING	°C	-15 ~ 30	-15 ~ 30	-15 ~ 30	-15 ~ 30
REFRIGERANT			R32	R32	R32	R32
REFRIGERANT CHARGE		kg	0,50	0,75	0,85	1,50
CO ₂ EQUIVELANT		Tonnes	0,33750	0,50625	0,57375	1,01250
IONIZER			YES	YES	YES	YES
WiFi PRE-INSTALLED			YES	YES	YES	YES
FILTERS			HIGH DENSITY PREFILTER			
			1 x ACTIVE CARBON			
			1 x HEPA 3PLUS (HEPA/SILVER ION/BIOLOGY STERILIZATION)			

► For more information about UMI air conditioners, please see pages 25-26.