

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)		m³/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.