



UMI ECO		Unit	UTN/UTG-09AP	UTN/UTG-12AP	UTN/UTG-17AP	UTN/UTG-21AP
Indoor unit reference			UTN-09AP	UTN-12AP	UTN-17AP	UTN-21AP
Outdoor unit reference			UTG-09AP	UTG-12AP	UTG-17AP	UTG-21AP
EAN code indoor unit			5205022019114	5205022019138	5205022019152	5205022019176
EAN code outdoor unit			5205022019121	5205022019145	5205022019169	5205022019183
Pdesignc		kW	2.7	3.2	4.6	6.2
Pdesignh (average zone)		kW	2.5	2.7	3.7	4.7
Pdesignh (warmer zone)		kW	2.8	2.8	3.6	4.7
Cooling capacity		Btu/h	9212 (2047-11601)	10918 (3071-12624)	15695 (3412-18084)	21154 (5459-23543)
		kW	2.70 (0.60-3.40)	3.20 (0.90-3.70)	4.60 (1.00-5.30)	6.20 (1.60-6.90)
Heating capacity		Btu/h	9554 (2047-12624)	11601 (3071-13989)	17742 (3412-19278)	22178 (4436-25000)
		kW	2.80 (0.60-3.70)	3.40 (0.90-4.10)	5.20 (1.00-5.65)	6.50 (1.30-7.33)
Cooling	SEER		6.6	6.5	6.4	6.8
	Cooling energy class		A++	A++	A++	A++
Heating	SCOP average zone		4.2	4.1	4.0	4.0
	Energy class average zone		A+	A+	A+	A+
	SCOP warmer zone		5.2	5.1	5.1	5.1
	Energy class warmer zone		A+++	A+++	A+++	A+++
Rated voltage / rated frequency / phase*		V/Hz/PH	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Cooling	Annual electricity consumption (QCE)	kWh/a	143	172	251	319
	Power input**	kW	0.735	0.93	1.36	1.77
	Current	A	3.51	4.15	5.90	7.90
Heating	Annual electricity consumption average zone (QHE)	kWh/a	833	922	1295	1645
	Annual electricity consumption warmer zone (QHE)	kWh/a	754	769	988	1290
	Power input**	kW	0.70	0.87	1.34	1.65
	Current	A	3.32	3.86	5.80	7.30
Dehumidification		L/h	1.40	1.40	1.80	1.80
Air flow volume (L/M/H/SH)		m3/h	290/430/500/550	420/490/620/680	600/700/800/850	650/750/950/1100
Sound power level of indoor unit (L/M/H/SH)		dB(A)	36/44/48/55	39/45/48/57	44/48/52/58	42/49/57/61
Sound pressure level of indoor unit (L/M/H/SH)***		dB(A)	23/34/38/40	29/35/38/41	34/38/42/44	35/38/44/47
Sound power level of outdoor unit (H)		dB(A)	62	64	63	67
Sound pressure level of outdoor unit (H)***		dB(A)	51	52	53	58
Indoor unit	Unit dimensions (WxHxD)	mm	770x251x190	849x289x215	972x300x225	1081x325x248
	Package dimensions (WxHxD)	mm	833x317x266	915x354x279	1035x375x302	1150x406x337
	Net/gross weight	kg	8.5 / 10	10.5 / 12.5	13.5 / 16.0	16.5 / 19.5
	Shielded communication cable (between IDU & ODU)	qty x mm	3x1.5+T	3x1.5+T	3x1.5+T	3x1.5+T
Outdoor unit	Unit dimensions (WxHxD)	mm	732x550x330	732x550x330	732x550x330	873x555x376
	Package dimensions (WxHxD)	mm	789x600x390	789x600x390	791x590x373	948x591x428
	Net/gross weight	kg	25 / 27.5	25 / 27.5	26.5 / 29	36.5 / 39.5
	Power cable	qty x mm	2x2.5+T	2x2.5+T	2x2.5+T	2x2.5+T
Pipe	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")	9.53 (3/8")	12.70 (1/2")
	Maximum pipe length without adding refrigerant	m	5	5	5	5
	Maximum pipe length with adding refrigerant	m	15	15	25	25
	Maximum pipe height	m	10	10	10	10
Refrigerant charge (R32)		g	530	570	750	1300
Refrigerant additional charge		g/m	16	16	16	16
Filter			Hi density pre filter - Triple action filter (HEPA/silverion/biology sterilization) - Active carbon			
Operation temperature limit	Cooling	°C	-18 ~ 43	-18 ~ 43	-18 ~ 43	-18 ~ 43
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24

Harmonised standard: EN 14511 : 2007, EN 12102 - Global Warming Potential (GWP)

Note: *The power supply is on the outdoor unit ** The technical data comply with the UNI EN 14511/2004 standard *** Measured in free field



UMI eco

The energy-saving design

An intelligent choice for those seeking greater comfort, the energy-saving design provides a comfortable indoor environment while being environment-friendly.



Save energy 'operating mode'



Heating mode at 8°C



Remote controller with hotel function*



Door control card*



I-SENSE function



Intelligent preheating 'SP'



Smart defrost



Memory position air louver



Timer functionv



Smooth start function



Turbo function



Auto restart mode



Dehumidification function



Command lock function



Light function



Automatic horizontal oscillation movement



Automatic vertical oscillation movement**



Self-diagnosis system



Toyotomi Voice Control



Sleep mode



Wired controller*



High density pre-filter



Triple action filter



ionizer



Active carbon filter



Silver ion filter



Auto clean function



Anti-corrosion protection 'blue fins'



Self Clean

* Optional ** Only for UTN/UTG-17AP and UTN/UTG-21AP