Model: AUXG09KVLA / AUXG12KVLA / AUXG14KVLA / AUXG18KVLA / AUXG22KVLA / AUXG24KVLA

For AUXG9/12/14KVLA

For AUXG18/22KVLA

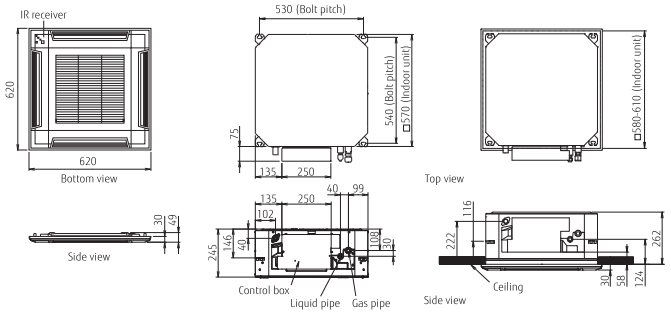
For AUXG24KVLA

Standard Specifications

Model No.	Indoor unit			AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit			AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB
Power Source				Single-phase, ~230V, 50Hz					
Capacity	Cooling		kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)
	Heating			3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)
UK Total/sensible cooling				2.37 / 1.92	3.39 / 2.6	4.12 / 3.13	5.00 / 3.56	5.85/4.03	6.63 / 4.74
Input Power	Cooling/Heating		kW	0.55/0.79	0.93/1.08	1.28/1.32	1.60/1.66	1.82/1.87	2.21/2.03
EER	Cooling		W/W	4.57	3.76	3.36	3.25	3.30	3.08
COP	Heating			4.05	3.80	3.79	3.61	3.74	3.69
Pdesign	Cooling/Heating(-10°C)		kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0
SEER	Cooling		W/W	6.70	6.60	6.50	6.60	6.60	6.10
SCOP	Heating (Average)			4.40	4.30	4.40	4.20	4.30	4.00
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	A++
	Heating (Average)			A+	A+	A+	A+	A+	A+
Annual Energy Consumption	Cooling		kWh/a	131	186	231	275	318	390
	Heating			826	1,106	1,208	1,466	1,562	2,097
Moisture Removal			l/h	0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	33/31/29/27	37/34/30/27	38/34/30/27	38/34/30/26	44/42/36/30	49/44/36/30
	Indoor (Heating)	H/M/L/Q		34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33
	Outdoor(Cooling/Heating)	High		46/46	47/47	49/49	50/50	51/51	53/54
Sound Power Level	Indoor(Cooling/Heating)	High		46/47	49/49	50/55	50/55	56/57	59/61
	Outdoor(Cooling/Heating)	High		59/59	61/61	62/62	62/62	63/63	65/66
Airflow Rate	Indoor / Outdoor (Cooling)	High	m^3/h	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
	Indoor / Outdoor (Heating)	High		540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
Net Dimensions H x W x D	Indoor		mm	245x570x570	245x570x570	245x570x570	245x570x570	245x579x570	245x570x570
	Outdoor		mm	542x799x290	542x799x290	542x799x290	632x799x290	632x799x290	716x820x315
Weight	Indoor		kg(lbs)	15 (33)	15 (33)	15 (33)	15 (33)	16 (35)	16 (35)
	Outdoor		kg(lbs)	32 (71)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)
Remote Controller Type (NOT Supplied With Unit)				NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY					
Interconnecting Cable (Suggested cable size 1.5mm)				3 Core + Earth					
Suggested MCB Size			Amp	10	10	16	16	16	16
Max. Operating Current	Cooling/Heating		A	7.9	9.7	10.2	12.1	12.6	13.6
Power Supply To				Outdoor					
Connection Pipe Diameter (Gas / Liquid)			Inch	3/8 + 1/4	3/8 + 1/4	3/8 + 1/4	1/2 + 1/4	1/2 + 1/4	1/2 + 1/4
Max Pipe Length (Pre-Charge)			m	20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max Height Difference				15	20	20	20	25	25
Refrigerant	Type			R32	R32	R32	R32	R32	R32
	Charge		g	850	850	850	1020	1250	1250
	Additional Charge		g/m	20	20	20	20	20	20
Operation Range	Cooling		°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating			-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Cassette Grille Included	Model name			UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
	Dimensions (H × W × D)		mm	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620	49x620x620
	Weight		kg	2.3	2.3	2.3	2.3	2.3	2.3

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	External Switch Controller:	UTY-TERX	Network Convertor for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Convertor for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RVNYM	KNX® Convertor:	UTY-VKSX	Fresh Air Intake Kit:	UTZ-VXAA
Simple Remote Controller (Without operation mode):	UTY-RHRY	MODBUS® Convertor	UTY-VMSX	External input and output PCB:	UTY-XCSX
Simple Remote Controller:	UTY-RSRY	External Connect Kit:	UTY-XWZXZG	External input and output PCB Box:	UTZ-GXRA
Wireless Remote Controller:	UTY-LNTY			Wireless interface for use with Smart home products:	FJ-AC-WIFI-1

Dimensions

(Unit : mm)