

Wall Mounted Economy Series

Comfort for Large Room



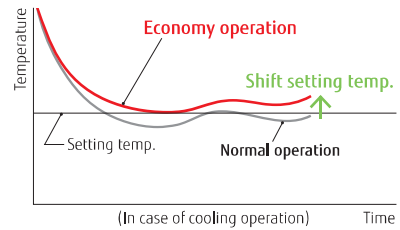
Narrow width & Compact Design

High performance and compact design model. Powerful airflow is generated despite a 790 mm wide compact design for compact spaces such as bedrooms or home offices.



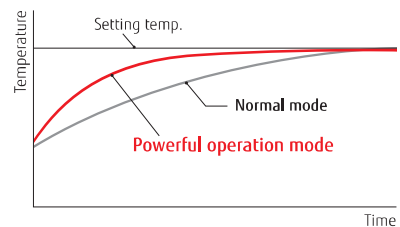
Economy operation

Room setpoint automatically changes by 1°C to avoid unnecessary cooling and heating.



Powerful operation

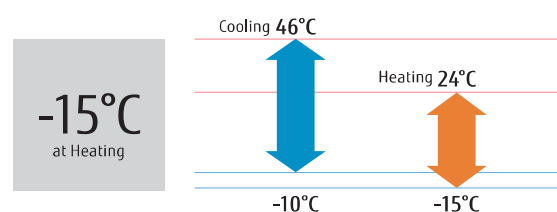
20 minutes continuous operation with maximum airflow and maximum compressor speed. Rapid cooling and heating make the room comfortable quickly.



ON-OFF Programmable timer

You can set an integrated ON-OFF or OFF-ON timer suitable for your lifestyle. (Setting time: 0.5, 1, 1.5, 2, 2.5, -----9.5, 10, 11, 12 hours)

Low ambient operation



Model: ASYG18KLCA / ASYG24KLCA



For ASYG18KLCA

For ASYG24KLCA

Wireless R.C.

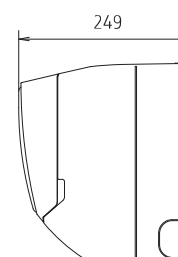
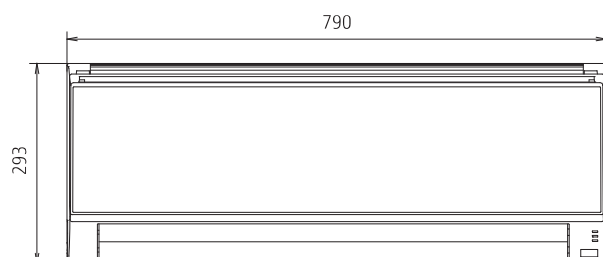
Specifications

Model No.	Indoor unit		Outdoor unit		ASYG18KLCA	ASYG24KLCA
					AOYG18KLTA	AOYG24KLTA
Power Source					Single-phase, ~230V, 50Hz	
Capacity	Cooling	kW			5.2 (0.9-5.5)	7.1 (0.9-7.7)
	Heating				6.3 (0.6-7.67)	8.0 (0.9-9.0)
UK Total/sensible cooling					4.95/3.69	6.80/4.63
Input Power	Cooling/Heating		kW	1.685/1.80		2.42/2.225
EER	Cooling	W/W			3.09	2.93
	Heating				3.50	3.60
Pdesign	Cooling/Heating(-10°C)		kW	5.20/4.80		7.10/7.10
SEER	Cooling	W/W			7.20	7.10
	Heating (Average)				4.30	4.00
Energy Efficiency Class	Cooling				A++	A++
	Heating (Average)				A+	A+
Annual Energy Consumption	Cooling	kWh/a			253	350
	Heating				1563	2485
Moisture Removal			l/h	1.9		3.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	474/4/40/35		51/45/38/33
	Indoor (Heating)	H/M/L/Q		50/45/41/37		52/45/41/37
Sound Power Level	Outdoor(Cooling/Heating)	High		50/56		55/57
	Indoor(Cooling/Heating)	High		60/65		64/65
Airflow Rate	Outdoor(Cooling/Heating)	High		61/66		65/67
	Indoor / Outdoor (cooling)	High		865/1,830		1,040/2,885
Net Dimensions H x W x D	Indoor		mm	293x790x249		293x790x249
			kg	9.5		10.0
Weight	Outdoor		mm	542x799x290		632x799x290
			kg(lbs)	33		38
Remote Controller Type					Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)					3 Core + Earth	
Suggested MCB Size			Amp	16		20
Max. Operating Current	Cooling/Heating		A	9.5/13.5		13.5/17.5
Power Supply To					Outdoor	
Connection Pipe Diameter (Gas / Liquid)			Inch	3/8 & 1/4		1/2 & 1/4
Max Pipe Length (Pre-Charge)			m	25		30
Max Height Difference				20		25
Operation Range	Cooling	°CDB			-10 to 46	-10 to 46
	Heating				-15 to 24	-15 to 24
Refrigerant	Type				R32	R32
	Charge		g	850		1100
	Additional Charge		g/m	20		20

Optional parts

Dimensions

(Unit : mm)



ECONOMY & STANDARD Compact Cassette

Compact 4-way Flow Series

Compact & Comfort



NEW

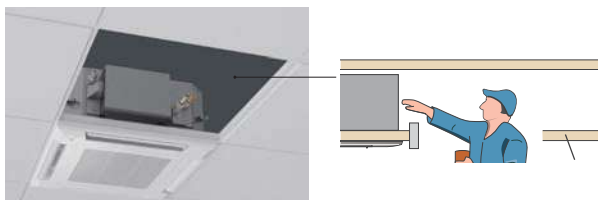
Economy Specifications

Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA	
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA	AOYG22KATA	AOYG24KATA	
Power Source			Single phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.5(0.9-2.7)	3.5(0.9-3.7)	4.3(0.9-4.5)	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	
	Heating		3.2(0.9-3.9)	4.1(0.9-4.4)	5.0(0.9-5.3)	6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	
UK Total/sensible cooling			2.37 / 1.92	3.27 / 2.56	4.10 / 3.12	4.80 / 3.42	5.65 / 3.90	6.63 / 4.74	
Input Power	Cooling/Heating	kW	0.68/0.88	1.09/1.17	1.37/1.42	1.69/1.72	1.95/2.00	2.26/2.08	
EER	Cooling	W/W	3.68	3.21	3.14	3.08	3.08	3.01	
COP	Heating		3.64	3.50	3.52	3.49	3.50	3.61	
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8	6.0/4.4	6.8/5.4	
SEER	Cooling	W/W	6.2	6.1	6.1	6.1	6.1	5.9	
SCOP	Heating		4.0	4.0	4.0	3.9	3.9	3.8	
Energy Efficiency Class	Cooling	A++		A++		A++		A+	
	Heating	A+		A+		A		A	
Annual Energy Consumption	Cooling	kWh/a	141	201	247	298	344	403	
	Heating		804	979	1,120	1,362	1,578	1,988	
Moisture Removal		l/h	0.6	1.2	1.5	2.2	2.6	2.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/O	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/O	34/32/29/27	37/34/31/29	43/38/34/30	43/38/34/30	45/43/40/33	49/45/40/33	
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	49/50	50/51	51/52	52/53	54/55	
	Indoor(Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61	
Airflow Rate	Outdoor(Cooling/Heating)	High	60/60	62/62	63/63	63/64	64/65	66/67	
	Indoor / Outdoor (Cooling)	High	540/1,610	600/1,630	680/1,670	680/1,710	830/2,240	930/2,885	
Net Dimensions H x W x D	Indoor	mm	245×570×570	245×570×570	245×570×570	245×570×570	245×570×570	245×570×570	
	Outdoor	mm	541×663×290	541×663×290	542×799×290	542×799×290	632×799×290	632×799×290	
Weight	Indoor	kg(lbs)	15(33)	15(33)	15(33)	15(33)	16(35)	16(35)	
	Outdoor	kg(lbs)	23(51)	25(55)	32(71)	33(73)	36(79)	38(84)	
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	13	13	16	20	
Max. Operating Current	Cooling/Heating	A	6.9/6.9	7.7/7.7	9.2/9.2	10.1/10.1	11.6/11.6	12.6/12.6	
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	15 (15)	15 (15)	20 (15)	20 (15)	25 (15)	25(20)	
Max Height Difference			15	15	15	15	20	20	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type		R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)	
	Charge	g	600	700	850	900	1100	1250	
	Additional Charge	g/m	-	-	20	20	20	20	
Cassette Grille	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	49×620×620	49×620×620	49×620×620	49×620×620	49×620×620	49×620×620	
	Weight	kg(lbs)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	2.3 (5)	

Easy maintenance

Maintenance is easy by removing the ceiling panel next to the grille, maintenance can be done, without the installation of a new inspection hole, so construction costs can be reduced.

The air inlet grille can be installed in various directions, so maintenance is easy.





For AUXG9/12/14KVLA

For AUXG18/22KVLA

For AUXG24KVLA

Standard Specifications

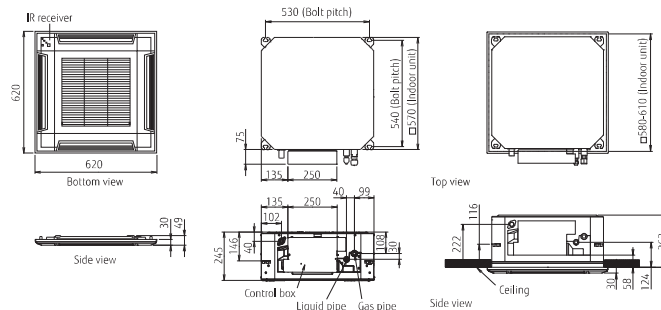
Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB
Power Source	Single-phase, ~230V, 50Hz							
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)	6.0 (0.9-6.7)	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++						
	Heating (Average)	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			0.6	1.2	1.5	2.2	2.6	2.7
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	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	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	245x570x570	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			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						
	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 x W x 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 Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RVNYM	KNX® Converter:	UTY-VKXSX	Fresh Air Intake Kit:	UTZ-VXAA
Simple Remote Controller (Without operation mode):	UTY-RHRY	MODBUS® Converter:	UTY-VMXSX	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)



ECONOMY & STANDARD Cassette

Circular Flow Series

Comfort for Large Room



(30/36/45/54)

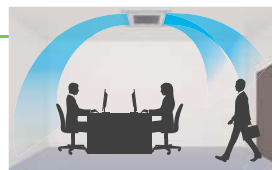
NEW

Economy Specifications

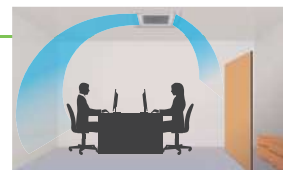
Model No.	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KQTA	AUXG45KQTA	AUXG54KQTA		
	Outdoor unit		AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA		
Power Source			Single phase, ~230V, 50Hz									3 phase, ~400V, 50Hz		
Capacity	Cooling	kW	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)	9.5(2.8-10.6)	12.1(4.0-12.6)	13.4(4.5-13.8)		
	Heating		6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)	10.8(2.7-12.5)	13.5(4.2-15.0)	15.5(4.7-16.0)		
UK Total/sensible cooling			4.80/3.86	5.65/4.16	6.63/4.74	8.08/5.77	9.03/6.49	11.54/8.56	12.78/9.23	9.03/6.49	11.54/8.56	12.78/9.23		
Input Power	Cooling/Heating	kW	1.60/1.66	1.85/1.93	2.12/1.97	2.56/2.64	3.06/2.58	4.32/3.77	4.87/4.86	3.06/2.58	4.32/3.77	4.87/4.86		
EER	Cooling	W/W	3.25	3.24	3.21	3.32	3.10	2.80	2.75	3.10	2.80	2.75		
COP	Heating		3.61	3.63	3.81	3.79	4.19	3.58	3.19	4.19	3.58	3.19		
Pdesign	Cooling/Heating(-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-		
SEER	Cooling	W/W	6.2	6.2	6.1	6.1	6.1	-	-	6.1	-	-		
SCOP	Heating		4.1	4.1	4.0	4.0	4.0	-	-	4.0	-	-		
Energy Efficiency Class	Cooling	A++		A++	A++	A++	A++	-	-	A++	-	-		
	Heating	A+		A+	A+	A+	A+	-	-	A+	-	-		
Annual Energy Consumption	Cooling	kWh/a	293	338	390	488	545	-	-	545	-	-		
	Heating		1,297	1,502	1,887	2,794	3,044	-	-	3,044	-	-		
Moisture Removal			1.5	2.2	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0		
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36		
	Indoor (Heating)	H/M/L/Q	33/32/31/28	33/32/31/28	35/33/32/29	40/38/36/33	44/41/38/34	46/42/39/35	47/43/40/36	44/41/38/34	46/42/39/35	47/43/40/36		
	Outdoor (Cooling/Heating)	High	51/52	52/53	54/55	53/55	55/55	58/59	58/61	55/55	60/60	61/61		
Sound Power Level	Indoor (Cooling/Heating)	High	47/47	49/49	49/49	54/54	58/58	60/60	61/61	58/58	-/-	-/-		
	Outdoor (Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	74/75	70/70	72/73	74/75		
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,050/1,710	1,050/2,240	1,150/2,885	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	1,870/3,750	2,000/4,450	2,100/4,450		
	Indoor / Outdoor (Heating)	High	1,050/1,840	1,050/2,240	1,150/2,350	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,780	1,870/3,750	2,000/4,450	2,100/4,780		
Net Dimensions H x W x D	Indoor	mm	246*840*840	246*840*840	246*840*840	288*840*840	288*840*840	288*840*840	288*840*840	288*840*840	288*840*840	288*840*840		
	Outdoor	mm	542*799*290	632*799*290	632*799*290	788*940*320	788*940*320	998*940*320	998*940*320	788*940*320	998*940*320	998*940*320		
Weight	Indoor	kg(lbs)	23(51)	23(51)	24(53)	26(57)	29(64)	29(64)	29(64)	29(64)	29(64)	29(64)		
	Outdoor	kg(lbs)	33(73)	36(79)	38(84)	52(115)	52(115)	61(134)	63(139)	53(117)	62(137)	63(139)		
Remote Controller Type			Touch Panel Hard Wired Controller (Included with Grille)											
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth											
Suggested MCB Size	Amp		13	16	20	25	25	32	32	16	16	16		
Max. Operating Current	Cooling/Heating	A	10.1/10.1	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	28.1/28.1	10.5/10.5	13.6/13.6	13.6/13.6		
Power Supply To			Outdoor											
Connection Pipe Diameter (Gas / Liquid)	Inch		1/2 & 1/4	1/2 & 1/4	1/2 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8		
Max Pipe Length (Pre-Charge)	m		20 (15)	25 (15)	25 (20)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)	30 (30)		
Max Height Difference			15	20	20	30	30	30	30	30	30	30		
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46		
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24		
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32		
	Charge	g	900	1100	1250	1900	1900	2400	2400	1900	2400	2400		
	Additional Charge	g/m	20	20	20	-	-	-	-	-	-	-		
Cassette Grille	Model name	UTG-UKYA-W (Wired remote controller UTY-RNRYZ3 included)												
	Dimensions (H x W x D)	mm	53*950*950	53*950*950	53*950*950	53*950*950	53*950*950	53*950*950	53*950*950	53*950*950	53*950*950	53*950*950		
	Weight	kg(lbs)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)	6.0 (13)		

Unique Circular Flow design

This cassette discharges air through 360° through a seamless louvre design.



Comfortable air conditioning by preventing direct blowing of cold air and by providing swinging air flow simultaneously.



Efficient air conditioning based on the room layout

Individual louvre control

Each louvre can be set individually by the Touch Panel Wired Remote Controller, to enjoy the comfort of different directional airflows according to various room layouts.

*Touch Panel Wired RC (UTY-RNRYZ3) only

Human sensor increases more energy saving

Energy saving operation starts automatically by detecting the motion of a person. 2 modes of 'save operation' mode and 'stop mode' can be selected.



Model: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB
NEW AUXG36KRLB [3 phase] / NEW AUXG45KRLB [3 phase] / NEW AUXG54KRLB [3 phase]



Standard Specifications

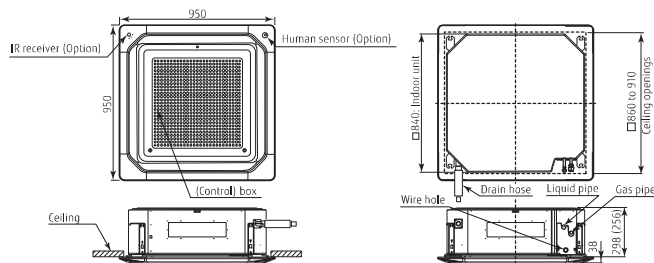
Model No.	Indoor unit		AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	Outdoor unit		AOYG18KRTB	AOYG22KRTB	AOYG24KRTB	AOYG30KRTB	AOYG36KRTB	AOYG45KRTB	AOYG54KRTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Power Source			Single-phase, ~230V, 50Hz						3 phase, ~400V, 50Hz			
Capacity	Cooling	kW	5.2 (0.9-5.9)	6.0 (0.9-6.7)	6.8 (0.9-8.0)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)
	Heating		6.0 (0.9-7.5)	7.0 (0.9-8.0)	7.5 (0.9-9.1)	10.0 (2.7-12.7)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)
UK Total/sensible cooling			5.0/4.03	5.85/4.30	6.63/4.74	8.08/8.77	9.05/6.49	11.54/8.56	12.73/9.23	9.03 / 6.49	11.54 / 8.56	12.78 / 9.23
Input Power	Cooling/Heating	kW	1.36/1.58	1.71/1.82	1.89/1.90	2.44/2.51	2.91/2.45	3.61/3.21	4.41/4.16	2.91/2.45	3.61/3.21	4.41/4.16
EER	Cooling	W/W	3.82	3.51	3.60	3.49	3.26	3.35	3.04	3.26	3.35	3.04
	Heating		3.80	3.85	3.95	3.98	4.40	4.20	3.73	4.40	4.20	3.73
Pdesign	Cooling/Heating(-10°C)	kW	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	-	9.5/8.7	-	-
SEER	Cooling	W/W	7.00	7.00	6.60	6.70	6.55	-	-	6.55	-	-
	Heating (Average)		4.30	4.40	4.20	4.30	4.30	-	-	4.30	-	-
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++	-	-	A++	-	-
	Heating (Average)		A+	A+	A+	A+	A+	-	-	A+	-	-
Annual Energy Consumption	Cooling	kWh/a	260	300	360	444	507	-	-	507	-	-
	Heating		1,431	1,527	1,999	2,601	2,828	-	-	2,828	-	-
Moisture Removal			1.5	2.2	2.7	2.5	3.3	4.5	5.0	3.3	4.5	5.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	33/32/31/28									
	Indoor (Heating)	H/M/L/Q	33/32/31/28									
Sound Power Level	Outdoor (Cooling/Heating)	High	50/50									
	Indoor (Cooling/Heating)	High	47/47									
Airflow Rate	Indoor / Outdoor (Cooling)	High	1,050/2,160									
	Indoor / Outdoor (Heating)	High	1,050/1,960									
Net Dimensions H x W x D	Indoor	mm	246x840x840									
	Outdoor	mm	632x799x290									
Weight	Indoor	kg(lbs)	23 (51)									
	Outdoor	kg(lbs)	36 (79)									
Remote Controller Type			Touch Panel Hand Wired Controller (Included with Grille)									
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth									
Suggested MCB Size	Amp		16	16	16	25	25	30	30	16	16	16
Max. Operating Current	A		12.1	12.6	13.6	22.6	22.6	28.5	28.5	10.5/10.5	14.0/14.0	14.0/14.0
Power Supply To			Outdoor									
Connection Pipe Diameter (Gas / Liquid)	Inch		1/2 & 1/4			5/8 & 3/8		5/8 & 3/8		9.52/15.88		
Max Pipe Length (Pre-Charge)	m		30 (20)			50 (30)		50 (30)		50 (30)		
Max Height Difference	°CDB		-15 to 25			-15 to 46		-15 to 46		-15 to 46		
Operation Range	Cooling	°CDB	-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		
Refrigerant	Type	g	R32									
	Charge	g/m	1020			1250		1900		2700		
Cassette Grille	Model Name	UTG-UKYA-W (Wired remote controller RTY-RNYZ3 included)										
	Dimensions (H x W x D)	mm	53x950x950			53x950x950		53x950x950		53x950x950		
	Weight	kg	6.0			6.0		6.0		6.0 (13)		

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	KNX® Converter:	UTY-VKSX	Network Converter for single split (AC power supply type):	UTY-VTGVV
Wired Remote Controller:	UTY-RVNYM	MODBUS® Converter:	UTY-VMSX	Wireless interface for use with Smart home products:	FJ-AC-WIFI-1
Simple Remote Controller (Without operation mode):	UTY-RHRY	External input and output PCB:	UTY-XCSX		
Simple Remote Controller:	UTY-RSRY	External input and output PCB Box:	UTZ-GXRA	(Outdoor unit 30/36/45/54)	
Human Sensor Kit:	UTY-SHZXC	Fresh Air Intake Kit:	UTZ-VXRA	External Connect Kit:	UTY-XWZXZ3
External Switch Controller:	UTY-TERX	IR Receiver Unit	UTY-LBTYC		
External Connect Kit:	UTY-XWZXZG				

Dimensions

(Unit : mm)



() : AUXG18/22/24KRLB

ECONOMY & STANDARD Slim Duct

Slim & Comfort



NEW

Economy Specifications

Model No.	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP	
	Outdoor unit		AOYG09KATA	AOYG12KATA	AOYG14KATA	AOYG18KATA	
Power Source			Single phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.5(0.9-2.7)	3.5(0.9-3.7)	4.3(0.9-4.5)	5.2(0.9-5.4)	
	Heating		3.2(0.9-3.9)	4.1(0.9-4.4)	5.0(0.9-5.3)	6.0(0.9-6.3)	
UK Total/sensible cooling			2.37 / 1.86	3.27 / 2.49	4.10 / 3.12	4.80 / 3.54	
Input Power	Cooling/Heating		kW	0.69/0.88	1.09/1.17	1.37/1.42	1.66/1.71
EER	Cooling	W/W	3.62	3.21	3.14	3.13	
	Heating		3.64	3.50	3.52	3.51	
Pdesign	Cooling/Heating(-10°C)		kW	2.5/2.3	3.5/2.8	4.3/3.2	5.2/3.8
SEER	Cooling	W/W	5.9	5.8	5.6	5.8	
SCOP	Heating		3.8	3.8	3.8	3.8	
Energy Efficiency Class	Cooling		A+	A+	A+	A+	
	Heating		A	A	A	A	
Annual Energy Consumption	Cooling	kWh/a	148	211	269	313	
	Heating		847	1,031	1,177	1,398	
Moisture Removal			l/h	0.7	1.3	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q		28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
Sound Power Level	Outdoor(Cooling/Heating)	High	47/48	49/50	50/51	51/52	
	Indoor(Cooling/Heating)	High	57/57	58/58	60/60	58/58	
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	600/1,610	650/1,630	800/1,670	940/1,710
	Indoor / Outdoor (Heating)	High		600/1,550	650/1,410	800/1,580	940/1,840
Static pressure range (Standard)			Pa	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm	198×700×620	198×700×620	198×700×620	198×900×620	
	Outdoor	mm	541×663×290	541×663×290	542×799×290	542×799×290	
Weight	Indoor	kg(lbs)	17(37)	17(37)	17(37)	20(44)	
	Outdoor	kg(lbs)	23(51)	25(55)	32(71)	33(73)	
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	13	13
Max. Operating Current	Cooling/Heating		A	6.9/6.9	7.7/7.7	9.2/9.2	10.1/10.1
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
Max Pipe Length (Pre-Charge)			m	15 (15)	15 (15)	20 (15)	20 (15)
Max Height Difference			m	15	15	15	15
Refrigerant	Type			R32	R32	R32	R32
	Charge	g	600	700	850	900	
	Additional Charge	g/m	-	-	20	20	
Operation Range	Cooling	°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	

Auto Louvre Grille Kit (Option)

Simple flat Auto Louvre will provide comfort airflow and harmonise with luxury interior.



Height
198 mm
Drain pump
built-in

Slim design

The slim design allows installations where ceilings are narrow. Drain hose as standard accessory

Model : ARXG09KLLAP / ARXG12KLLAP / ARXG14KLLAP / ARXG18KLLAP



ARXG09/12/14KLLAP



ARXG18KLLAP



For ARXG09/12/14KLLAP



For ARXG18KLLAP

Standard Specifications

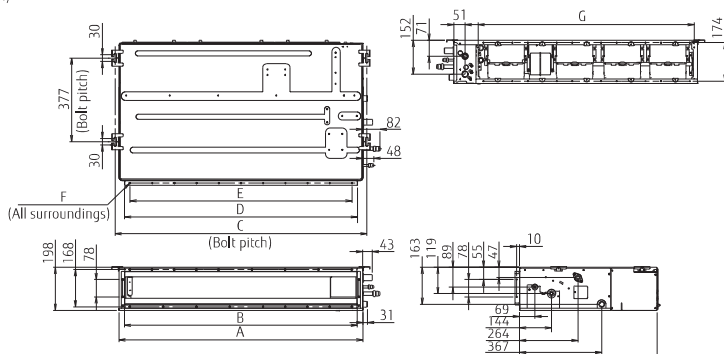
Model No.	Indoor unit		ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
	Outdoor unit		AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.5 (0.9-3.2)	3.5 (0.9-4.4)	4.3 (0.9-5.4)	5.2 (0.9-5.9)
	Heating		3.2 (0.9-4.7)	4.1 (0.9-5.7)	5.0 (0.9-6.5)	6.0 (0.9-7.5)
UK Total/sensible cooling			2.37/1.86	3.39/2.54	4.12/3.13	5.01/3.69
Input Power	Cooling/Heating	kW	0.60/0.79	0.93/1.08	1.28/1.32	1.55/1.62
EER	Cooling	W/W	4.17	3.76	3.36	3.35
COP	Heating		4.05	3.80	3.79	3.70
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.6	3.5/3.4	4.3/3.8	5.2/4.4
SEER	Cooling	W/W	6.20	6.10	5.80	6.20
SCOP	Heating		4.30	4.00	3.90	4.10
Energy Efficiency Class	Cooling	A++		A++	A+	A++
	Heating	A+		A+	A	A+
Annual Energy Consumption	Cooling	kWh/a	141	201	259	293
	Heating		845	1,189	1,362	1,501
Moisture Removal			0.7	1.3	1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	28/27/26/25	29/28/26/25	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q	28/26/25/24	29/28/26/24	32/30/28/25	32/30/29/27
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	47/47	49/49	50/50
	Indoor(Cooling/Heating)	High	57/57	58/58	60/60	58/58
Airflow Rate	Indoor / Outdoor (Cooling)	High	600/1,480	650/1,580	800/1,670	940/2,160
	Indoor / Outdoor (Heating)	High	600/1,410	650/1,520	800/1,580	940/1,830
Static pressure range (Standard)			0 to 90 (25)	0 to 90 (25)	0 to 90 (25)	0 to 90 (25)
Net Dimensions H x W x D	Indoor	mm	198x700x620	198x700x620	198x700x620	198x900x620
	Outdoor	mm	542x799x290	542x799x290	542x799x290	632x799x290
Weight	Indoor	kg(lbs)	17 (37)	17 (37)	17 (37)	20 (44)
	Outdoor	kg(lbs)	32 (71)	33 (73)	33 (73)	36 (79)
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
Max. Operating Current	Cooling/Heating	A	7.9	9.7	10.2	12.1
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
Max Pipe Length (Pre-Charge)	m	20 (15)		25 (15)	25 (15)	30 (20)
Max Height Difference			15	20	20	20
Operation Range	Cooling	°CDB	-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
Refrigerant	Type	R32		R32	R32	R32
	Charge	g	850	850	850	1020
	Additional Charge	g/m	20	20	20	20

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	External Switch Controller:	UTY-TERX	Network Converter for single split (DC power supply type):	UTY-VTGX
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	Wireless LAN Interface:	UTY-TFSXZ1	Network Converter for single split (AC power supply type):	UTY-VTGXV
Wired Remote Controller:	UTY-RVNYM	KNX® Converter:	UTY-VKSX	Auto Louvre Grille Kit:	UTD-GXSA-W (09-14)
Simple Remote Controller (Without operation mode):	UTY-RHRY	MODBUS® Converter:	UTY-VMSX		UTD-GXSB-W (18)
Simple Remote Controller:	UTY-RSRY	Remote Sensor Unit:	UTY-XSZX	IR Receiver Unit:	UTY-LBTYM
				External Connect Kit:	UTY-XWZXZG
				Wireless interface for use with Smart home products:	FJ-AC-WIFI-1

Dimensions

(Unit : mm)



	ARXG09/12/14KLLAP	ARXG18KLLAP
A	700	900
B	650	850
C	734	934
D	650	850
E	P100x6=600	P100x8=800
F	18xØ5	22xØ5
G	574	774

STANDARD Medium Static Pressure Duct

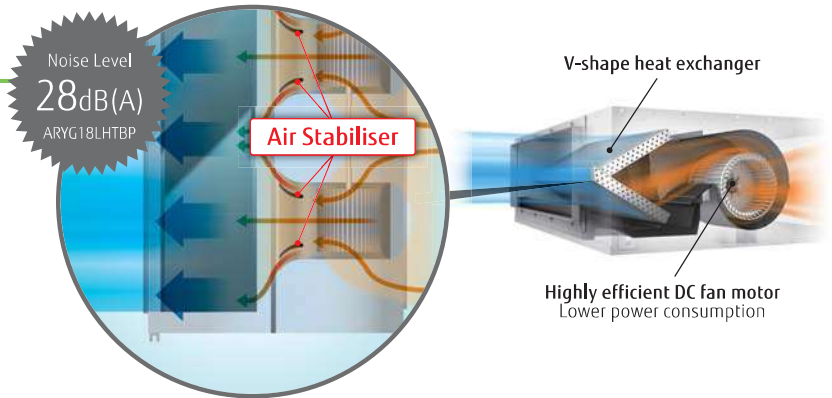
Compact & Comfort



(30/36/45/54)

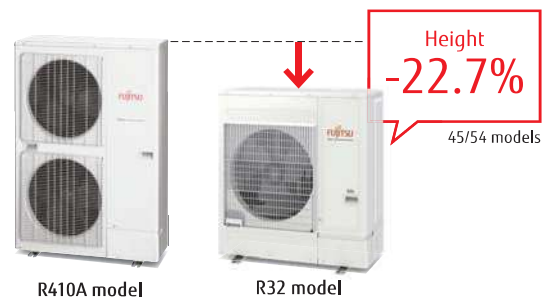
High Efficiency & Quiet operation

The combination of the V-shaped heat exchanger, air stabiliser, and the highly efficient DC fan motor allows high efficiency and quiet operation.



Small and light weight outdoor unit

This model is much more compact than a conventional outdoor unit. It can be installed in a restrictive area.

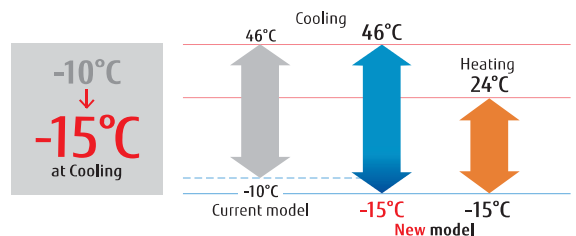


Automatic Airflow adjustment function

This unique and innovative function detects required air flow in each application case and automatically adjust the volume.



Low ambient operation





Model: ARXG12KHTAP / ARXG14KHTAP / ARXG18KHTAP / ARXG22KHTAP / ARXG24KHTAP / ARXG30KHTAP / ARXG36KHTAP / ARXG45KHTAP / ARXG54KHTAP
NEW ARXG36KHTAP [3 phase] / NEW ARXG45KHTAP [3 phase] / NEW ARXG54KHTAP [3 phase]



For ARXG12/14KHTAP For ARXG18/22KHTAP For ARXG24KHTAP For ARXG30/36KHTAP For ARXG45/54KHTAP

Standard Specifications

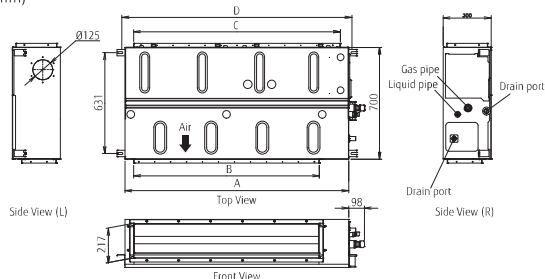
Model No.	Indoor unit		ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	
	Outdoor unit		AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA	
Power Source			Single-phase, ~230V, 50Hz									3 phase, ~400V, 50Hz			
Capacity	Cooling	kW	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)	8.5 (2.8-10.0)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	9.5 (2.8-11.2)	12.1 (4.0-14.0)	13.4 (4.5-14.5)	
	Heating		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)	10.0 (2.7-11.2)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	10.8 (2.7-12.7)	13.5 (4.2-16.2)	15.5 (4.7-16.5)	
UK Total/sensible cooling			3.39/2.96	4.12/3.53	5.01/4.09	5.85/4.75	6.63/5.13	8.08/6.39	9.03/7.5	11.54/9.52	12.78/10.4	9.03 / 7.50	11.54 / 9.52	12.78 / 10.04	
Input Power	Cooling/Heating	kW	0.87/1.00	1.17/1.25	1.36/1.56	1.71/1.81	1.89/1.85	2.65/2.63	2.86/2.48	3.53/3.37	4.42/3.89	2.86/2.48	3.53/3.37	4.42/3.89	
EER	Cooling		4.02	3.68	3.82	3.51	3.60	3.21	3.32	3.43	3.03	3.32	3.43	3.03	
COP	Heating	4.10	4.00	3.85	3.87	4.06	3.80	4.35	4.01	3.98	4.35	4.01	3.98		
Pdesign	Cooling/Heating(-10°C)	kW	3.5/3.4	4.3/3.8	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5/8.7	-	-	9.5 / 8.7	-	-	
SEER	Cooling		6.30	6.20	6.50	6.50	6.50	6.23	6.10	-	-	6.10	-	-	
SCOP	Heating (Average)	4.10	4.00	4.10	4.20	4.10	4.00	4.20	-	-	4.20	-	-		
Energy Efficiency Class	Cooling	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	
	Heating (Average)	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A+	
Annual Energy Consumption	Cooling	kWh/a	194	243	280	323	366	477	544	-	-	544	-	-	
	Heating		1,159	1,328	1,501	1,597	2,048	2,796	2,898	-	-	2,898	-	-	
Moisture Removal			0.7	0.9	1.2	1.5	1.8	2.3	2.0	2.6	3.7	2.0	2.6	3.7	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29	36/31/28/26	39/35/31/29	39/35/31/29	36/31/28/26	39/35/31/29	39/35/31/29	
	Indoor (Heating)	H/M/L/Q	32/27/26/24	33/28/27/25	28/25/22/20	28/25/22/20	32/28/24/21	36/33/30/29	33/31/28/26	39/35/31/29	39/35/31/29	33/31/28/26	39/35/31/29	39/35/31/29	
	Outdoor (Cooling/Heating)	High	47/47	49/49	50/50	51/51	53/54	53/55	57/57	57/59	57/59	55/55	57/57	57/59	
Sound Power Level	Indoor (Cooling/Heating)	High	57/58	59/60	54/54	57/57	57/57	63/65	64/63	67/69	67/69	64/63	67/69	67/69	
	Outdoor (Cooling/Heating)	High	61/61	62/62	62/62	63/63	65/66	68/69	70/70	71/71	73/73	70/70	71/71	73/73	
Airflow Rate	Indoor / Outdoor (Cooling)	High	850/1,580	950/1,670	1,050/2,160	1,050/2,240	1,360/2,700	1,700/3,750	2,050/3,750	2,550/4,450	2,550/4,450	2,050/3,750	2,550/4,450	2,550/4,450	
	Indoor / Outdoor (Heating)	High	850/1,520	950/1,580	1,050/1,830	1,050/1,960	1,360/2,700	1,700/3,750	2,050/3,750	2,550/4,450	2,550/4,450	1,850/3,750	2,550/4,450	2,550/4,450	
Static pressure range (Standard)			Pa	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)	30 to 200 (60)	30 to 200 (47)	30 to 200 (60)	30 to 200 (60)	
Net Dimensions H x W x D	Indoor	mm	300x700x700	300x700x700	300x1,000x700	300x1,000x700	300x1,000x700	300x1,000x700	300x1,400x700	300x1,400x700	300x1,400x700	300x1,400x700	300x1,400x700	300x1,400x700	
	Outdoor	mm	542x799x290	542x799x290	632x799x290	632x799x290	716x820x315	788x940x320	788x940x320	998x940x320	998x940x320	788x940x320	998x940x320	998x940x320	
Weight	Indoor	kg(lbs)	27 (60)	27 (60)	35 (77)	35 (77)	36 (79)	36 (79)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	46 (101)	
	Outdoor	kg(lbs)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	53 (117)	67 (148)	67 (148)	
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	16	16	16	16	25	25	30	30	16	16	16
Max. Operating Current	Cooling/Heating	A	9.7/9.7	10.2/10.2	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6/22.6	28.5/28.5	28.5/28.5	10.5/10.5	14.0/14.0	14.0/14.0	
Power Supply To			Outdoor												
Connection Pipe Diameter (Gas / Liquid)	Inch		3/8 & 1/4	3/8 & 1/4	1/2 & 1/4	1/2 & 1/4	1/2 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	9.52/15.88	9.52/15.88	9.52/15.88	
Max Pipe Length (Pre-Charge)	m		25 (15)	25 (15)	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	50 (30)	
Max Height Difference			20	20	20	20	25	30	30	30	30	30	30	30	
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-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	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32 (675)	R32 (675)	R32 (675)	
	Charge	g	850	850	1020	1250	1250	1900	1900	2700	2700	1900	2700	2700	
	Additional Charge	g/m	20	20	20	20	20	40	40	40	40	40	40	40	
Filter (To be ordered separately)			UTD-LFNC	UTD-LFNC	UTD-LFNB	UTD-LFNB	UTD-LFNB	UTD-LFNB	UTD-LFNA	UTD-LFNA	UTD-LFNA	UTD-LFNA	UTD-LFNA	UTD-LFNA	

Optional parts

Compact Wired Remote Controller:	UTY-RCRYZ1	KNX® Converter:	UTY-VKXS	Wireless LAN Interface:	UTY-TFSXZ1
Wired Remote Controller (Touch Panel):	UTY-RNRYZ3	MODBUS® Converter:	UTY-VMSX	IR Receiver Unit:	UTY-LBTYM
Wired Remote Controller:	UTY-RVNYM	External input and output PCB:	UTY-XCSX	Network Converter for single split (DC power supply type):	UTY-VTGV
Simple Remote Controller (Without operation mode):	UTY-RHRY	External Connect Kit:	UTY-XWZXZG	Network Converter for single split (AC power supply type):	UTY-VTGVX
Simple Remote Controller:	UTY-RSRY	External input and output PCB:	UTZ-GXNA	Wireless interface for use with Smart home products:	FJ-AC-WIFI-1
External Switch Controller:	UTY-TERX	Long-Life Filter:	UTD-LFNA (36-54)		
Remote Sensor Unit:	UTY-XSZX		UTD-LFNB (18-30)	(Outdoor unit 30/36/45/54)	
			UTD-LFNC (12-14)	External Connect Kit:	UTY-XWZXZ3

Dimensions

(Unit : mm)



	ARXG12/14KHTAP	ARXG18/22/24/30KHTAP	ARXG36/45/54KHTAP
A	700	1,000	1,400
B	462	762	1,162
C	650	895	1,295
D	740	1,040	1,440

ECONOMY Medium Static Pressure Duct



(45)

NEW

Economy Specifications

Model No.	Indoor unit		ARXG22KMLA	ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	ARXG36KMLA	ARXG45KMLA		
	Outdoor unit		AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA	AOYG45KATA	AOYG36KQTA	AOYG45KQTA		
Power Source			Single phase, ~230V, 50Hz					3 phase, ~400V, 50Hz			
Capacity	Cooling	kW	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	9.5(2.8-10.6)	12.1(4.0-12.6)		
	Heating		7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	10.8(2.7-12.5)	13.5(4.2-15.0)		
UK Total/sensible cooling			kW	5.65 / 4.23	6.63 / 4.86	8.08 / 6.23	9.03 / 6.83	11.54 / 8.64	9.03 / 6.83	11.54 / 8.64	
Input Power	Cooling/Heating		kW	1.92/2.00	2.19/2.00	2.78/2.77	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18	
EER	Cooling		W/W	3.13	3.11	3.06	3.04	2.50	3.04	2.50	
COP	Heating			3.50	3.75	3.61	3.56	3.23	3.56	3.23	
Pdesign	Cooling/Heating(-10°C)		kW	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	-	9.5/8.7	-	
SEER	Cooling		W/W	5.8	5.9	5.8	5.6	-	5.6	-	
SCOP	Heating			3.8	3.9	3.9	3.9	-	3.9	-	
Energy Efficiency Class	Cooling		A+						A+	-	
	Heating		A						A	-	
Annual Energy Consumption	Cooling		kWh/a		362	403	513	594	-	594	-
	Heating		kWh/a		1,620	1,935	2,871	3,122	-	3,122	-
Moisture Removal			l/h	2.1	2.5	2.5	3.0	4.0	3.0	4.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)		31/29/27/25	31/29/27/25	39/35/30/26	39/35/30/26	42/38/32/28	39/35/30/26	42/38/32/28
	Indoor (Heating)	H/M/L/Q	dB(A)		31/29/27/25	31/29/27/25	42/35/30/26	42/35/30/26	42/38/32/28	42/35/30/26	42/38/32/28
Sound Power Level	Outdoor(Cooling/Heating)	High	dB(A)		52/53	54/55	53/55	55/55	58/59	55/55	58/59
	Indoor(Cooling/Heating)	High	dB(A)		60/62	60/62	65/69	65/70	68/70	65/70	68/70
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h		1,100/2,240	1,100/2,885	1,900/3,750	1,900/3,750	2,100/4,450	1,900/3,750	2,100/4,450
	Indoor / Outdoor (Heating)	High	m³/h		1,100/2,240	1,100/2,350	2,100/3,750	2,100/3,750	2,100/4,450	2,100/3,750	2,100/4,450
Static pressure range (Standard)			Pa	30 - 150 (35)	30 - 150 (35)	30 - 150 (47)	30 - 150 (47)	30 - 150 (60)	30 - 150 (47)	30 - 150 (60)	
Net Dimensions H x W x D	Indoor		mm	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	270×1,135×700	
	Outdoor		mm	632×799×290	632×799×290	788×940×320	788×940×320	998×940×320	788×940×320	998×940×320	
Weight	Indoor		kg(lbs)	35(77)	35(77)	38(84)	38(84)	39(86)	38(84)	39(86)	
	Outdoor		kg(lbs)	36(79)	38(84)	52(115)	52(115)	61(134)	53(117)	62(137)	
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		16	20	25	25	32	16	16		
Max. Operating Current	Cooling/Heating		A	11.6/11.6	12.6/12.6	22.5/22.5	22.5/22.5	28.1/28.1	10.5/10.5	13.6/13.6	
Power Supply To			Outdoor								
Connection Pipe Diameter (Gas / Liquid)	Inch		1/2 & 1/4	1/2 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8		
Max Pipe Length (Pre-Charge)	m		25 (15)	25(20)	30(30)	30(30)	30(30)	30(30)	30(30)		
Max Height Difference	m		20	20	30	30	30	30	30		
Refrigerant	Type		R32								
	Charge	g	1100	1250	1900	1900	2400	1900	2400		
	Additional Charge	g/m	20	20	-	-	-	-	-		
Operation Range	Cooling		°CDB	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	
	Heating		°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	

Optional parts

Compact Wired Remote Controller: UTY-RCRYZ1
 Wired Remote Controller (Touch Panel): UTY-RNRYZ3
 Wired Remote Controller: UTY-RVNYM
 Simple Remote Controller (Without operation mode): UTY-RHRY
 Simple Remote Controller: UTY-RSRY
 IR Receiver Unit: UTY-LBTYM

External Switch Controller: UTY-TERX
 Wireless LAN Interface: UTY-TFSXZ1
 KNX® Convertor: UTY-VKSX
 MODBUS® Convertor: UTY-VMSX
 Flange (Round): UTD-RF204
 Flange (Square): UTD-SF045T

Network Convertor for single split (DC power supply type): UTY-VTGX
 Network Convertor for single split (AC power supply type): UTY-VTGXV
 Remote Sensor Unit: UTY-XSZX
 External Connect Kit: UTY-XWZXZG
 Drain Pump Unit: UTZ-PX1NBA
 Long-Life Filter: UTD-LF25NA
 Wireless interface for use with Smart home products: FJ-AC-WIFI-1

(Outdoor unit 30/36/45/54)

External Connect Kit:

UTY-XWZXZ3

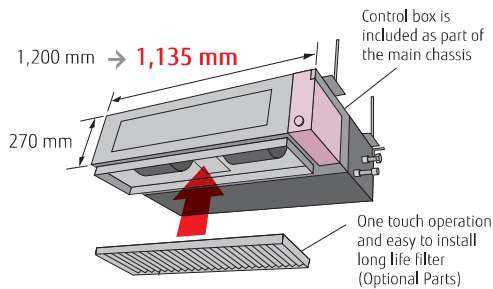
Model : ARXG22KMLA / ARXG24KMLA / ARXG30KMLA / ARXG36KMLA / ARXG45KMLA
NEW ARXG36KMLA [3 phase] / **NEW** ARXG45KMLA [3 phase]



Slim & Compact design

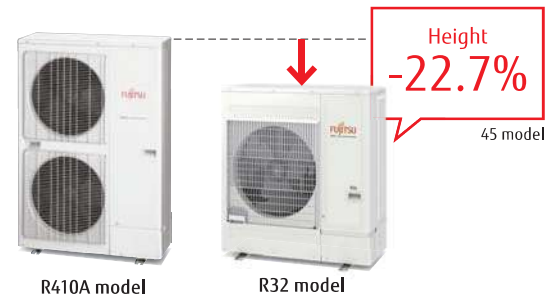
Indoor Unit

The slim and compact design of the indoor unit, with the control box mounted on the side, allows installation in narrow spaces.



New Outdoor Unit

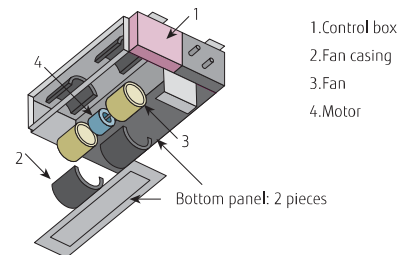
The 45 model outdoor unit was changed completely. Easier installation was achieved by compact and lightweight outdoor unit.



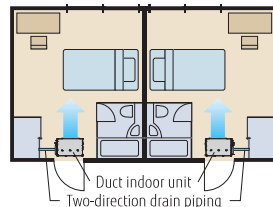
Easy maintenance

Structural improvement is attained by making the bottom panel two pieces, front and rear. The internal fan casing is also manufactured in two pieces, namely upper and lower. The maintenance of the motor and fan can be easily carried out by removing the rear panel and the lower part of the casing while leaving the main chassis installed.

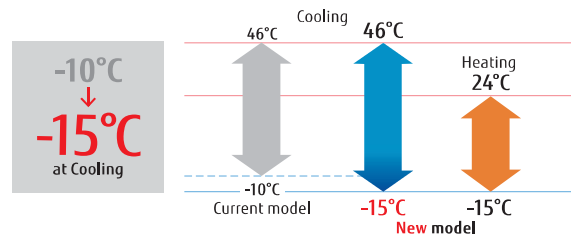
See below for the case of rear suction type



Two-direction drain piping

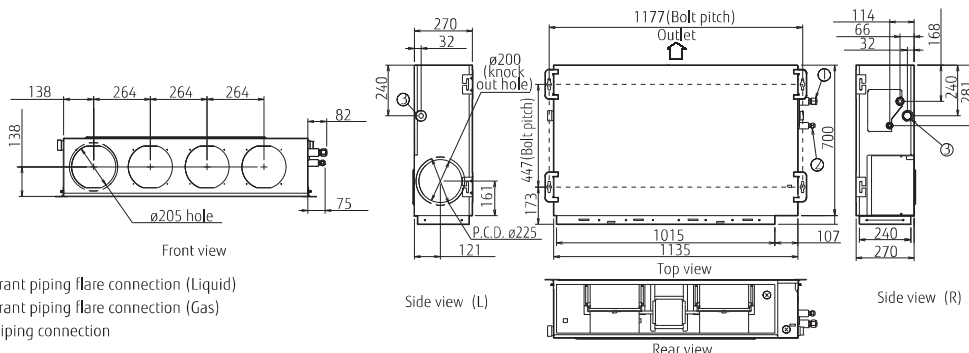


All class low ambient operation



Dimensions

(Unit : mm)



- ① Refrigerant piping flare connection (Liquid)
- ② Refrigerant piping flare connection (Gas)
- ③ Drain piping connection

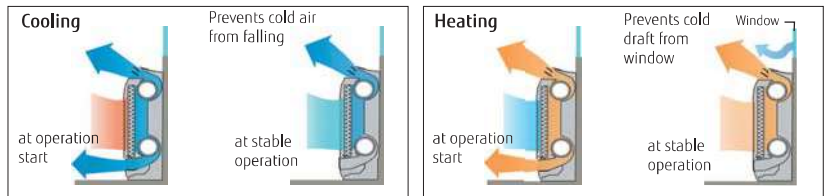
Floor

Compact & Comfort



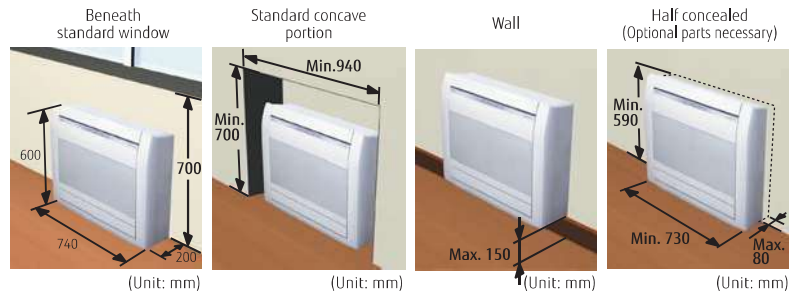
Dual Fan & Wide airflow

Upper and lower air discharge allows the room to reach target temperature quickly and be maintained more comfortably.



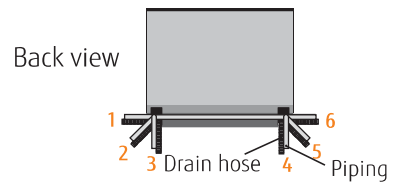
Flexible & easy installation

The forward facing air intake makes it possible to install the unit floor mounted, wall mounted, fully concealed or partially recessed.



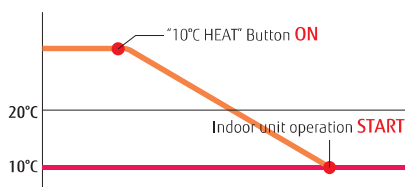
Flexible piping connection - 6 directions of drain & piping

Drain hose and piping can be drawn flexibly from the right or left, side, and down directions.

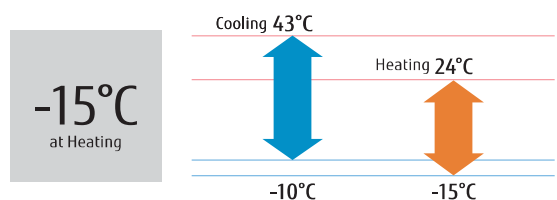


10°C HEAT Operation

The room temperature can be set to go no lower than 10°C, thus ensuring that the room does not get too cold when not occupied.



Low ambient operation



Model: AGYG09LVCA / AGYG12LVCA / AGYG14LVCA



For AGYG09/12LVCA



For AGYG14LVCA



Wireless R.C.

Standard Specifications

Model No.	Indoor unit		AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
	Outdoor unit		A0YG09LVCA	A0YG12LVCA	A0YG14LVCA
Power Source			Single phase, ~230V, 50Hz		
Capacity	Cooling	kW	2.6 (0.9-3.5)	3.5 (0.9-4.0)	4.2 (0.9-5.0)
	Heating		3.5 (0.9-5.5)	4.5 (0.9-6.6)	5.2 (0.9-8.0)
UK Total / Sensible Cooling		kW	2.49 / 2.24	3.36 / 2.59	4.03 / 2.92
Input Power	Cooling/Heating	kW	0.53/0.79	0.94/1.19	1.14/1.44
EER	Cooling	W/W	4.91	3.72	3.68
COP	Heating		4.43	3.78	3.61
Pdesign	Cooling/Heating(-10°C)	kW	2.6/2.9	3.5/3.8	4.2/4.7
SEER	Cooling (Average)	W/W	7.00	6.50	6.40
SCOP	Heating (Average)		4.20	4.00	4.00
Energy Efficiency Class	Cooling		A++	A++	A++
	Heating (Average)		A+	A+	A+
Annual Energy Consumption	Cooling	kWh/a	130	188	230
	Heating		967	1,330	1,645
Moisture Removal		l/h	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/ML/Q	dB(A)	40/35/29/22	44/38/31/22
	Indoor (Heating)	H/ML/Q		40/35/29/22	43/37/29/22
	Outdoor(Cooling/Heating)	High		47/48	50/50
Sound Power Level	Indoor(Cooling/Heating)	High	55/56	55/56	58/58
	Outdoor(Cooling/Heating)	High	64/65	64/65	65/66
Airflow Rate	Indoor / Outdoor (Cooling)	High	570/1,680	570/1,680	650/1,910
	Indoor / Outdoor (Heating)	High	600/1,490	600/1,680	650/1,750
Net Dimensions H x W x D	Indoor	mm	600×740×200	600×740×200	600×740×200
	Outdoor	mm	540×790×290	540×790×290	578×790×300
Weight	Indoor	kg(lbs)	14 (31)	14 (31)	14 (31)
	Outdoor	kg(lbs)	36 (79)	36 (79)	40 (88)
Remote Controller Type (Supplied with unit)			Wireless	Wireless	Wireless
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth		
Suggested MCB Size		Amp	10	10	16
Max. Operating Current	Cooling/Heating	A	7.0/10.0	7.0/10.0	9.0/13.5
Power Supply To			Outdoor		
Connection Pipe Diameter (Gas / Liquid)		Inch	3/8 & 1/4	3/8 & 1/4	1/2 & 1/4
Max Pipe Length (Pre-Charge)		m	20 (15)	20 (15)	20 (15)
Max Height Difference			15	15	15
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	1,050	1,050	1,150
	Additional Charge	g/m	20	20	20
Operation Range	Cooling	°CDB	-10 to 43	-10 to 43	-10 to 43
	Heating		-15 to 24	-15 to 24	-15 to 24

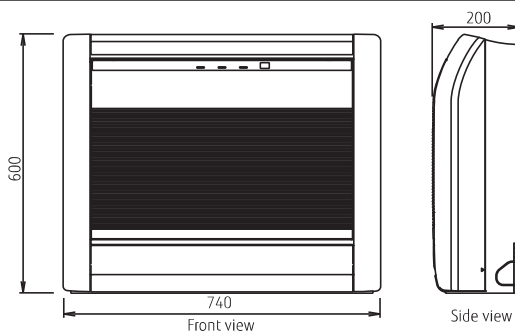
Optional parts

Wired Remote Controller: UTY-RVNYM
 Simple Remote Controller: UTY-RSNYM
 External Switch Controller: UTY-TERX
 Wireless LAN Interface: UTY-TFNXZ1
 FJ-RC-WIFI-1

Network Converter for single split (DC power supply type): UTY-VTGX
 Network Converter for single split (AC power supply type): UTY-VTGXV
 External Connect Kit: UTY-XWZX
 MODBUS® Interface: FJ-RC-MBS-1
 KNX® Interface: FJ-RC-KNX-Ii

Dimensions

(Unit : mm)



Floor/Ceiling

Comfort & Dual Design



Flexible installation

Example for floor installation
Floor console

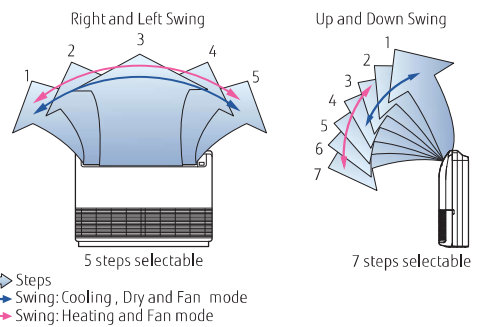


Example for ceiling installation
Under ceiling



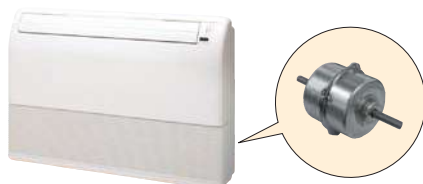
Double auto swing

A combination of right/left and up/down directional swing allows 3-dimensional air direction control

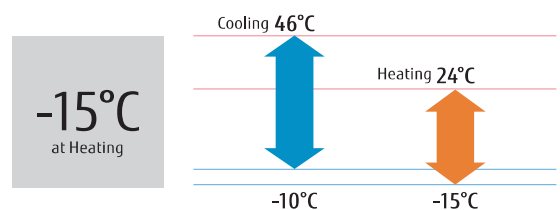


High power DC fan motor

- High power
- Wide rotation range
- High efficiency



Low ambient operation



NEW
ECONOMY & STANDARD Ceiling



NEW
Economy Specifications

Model No.	Indoor unit		TENTATIVE				TENTATIVE				
	Outdoor unit		ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KQTA	ABYG45KQTA	
Power Source			Single phase, ~230V, 50Hz				3 phase, ~400V, 50Hz				
Capacity	Cooling	kW	5.2(0.9-5.4)	6.0(0.9-6.3)	6.8(0.9-7.4)	8.5(2.8-9.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	9.5(2.8-10.6)	12.1(4.0-12.6)	
	Heating		6.0(0.9-6.3)	7.0(0.9-7.4)	7.5(0.9-8.6)	10.0(2.7-10.8)	10.8(2.7-12.5)	13.5(4.2-15.0)	10.8(2.7-12.5)	13.5(4.2-15.0)	
UK Total / Sensible Cooling			5.01 / 3.62	5.85 / 4.12	6.63 / 4.97	8.08 / 5.23	9.03 / 7.44	11.54 / 8.37	9.03 / 7.44	11.54 / 8.37	
Input Power	Cooling/Heating	kW	1.66/1.71	-/-	2.19/2.00	2.78/2.86	3.13/3.03	4.84/4.18	3.13/3.03	4.84/4.18	
EER	Cooling	W/W	3.13	-	3.11	3.06	3.04	2.5	3.04	2.5	
COP	Heating		3.51	-	3.75	3.5	3.56	3.23	3.56	3.23	
Pdesign	Cooling/Heating(-10°C)	kW	5.2/3.8	6.0/4.4	6.8/5.4	8.5/8.0	9.5/8.7	12.1/9.2	9.5/-	12.1/-	
SEER	Cooling	W/W	5.8	5.6	6.0	5.8	5.6	-	5.6	-	
SCOP	Heating		3.8	3.8	3.9	3.9	3.9	-	3.9	-	
Energy Efficiency Class	Cooling	A+		A+	A+	A+	-	A+	-		
	Heating	A		A	A	A	-	A	-		
Annual Energy Consumption	Cooling	kWh/a	-	-	-	-	-	-	-	-	
	Heating	kWh/a	-	-	-	-	-	-	-	-	
Moisture Removal			-	-	-	-	-	-	-	-	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/-/-/-	42/-/-/-	41/-/-/-	45/-/-/-	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	
	Indoor (Heating)	H/M/L/Q	38/-/-/-	42/-/-/-	41/-/-/-	45/-/-/-	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	
Sound Power Level	Outdoor(Cooling/Heating)	High	51/52	52/53	54/55	53/55	55/55	58/59	55/55	58/59	
	Indoor(Cooling/Heating)	High	53/53	57/57	56/56	60/60	59/59	60/60	59/59	60/60	
Airflow Rate	Outdoor(Cooling/Heating)	High	63/64	64/65	66/67	68/69	70/70	72/73	70/70	72/73	
	Indoor / Outdoor (Cooling)	High	840/1,710	900/2,240	1,230/2,885	1,400/3,750	1,850/3,750	1,900/4,450	1,850/3,750	1,900/4,450	
Net Dimensions H x W x D	Indoor / Outdoor (Heating)	High	840/1,840	900/2,240	1,230/2,350	1,400/3,750	1,800/3,750	1,850/4,450	1,850/3,750	1,850/4,450	
	Indoor	mm	235×1,080×705	235×1,080×705	235×1,390×705	235×1,390×705	235×1,700×705	235×1,700×705	235×1,700×705	235×1,700×705	
Weight	Outdoor	mm	542×799×290	632×799×290	632×799×290	788×940×320	788×940×320	988×940×320	788×940×320	998×940×320	
	Indoor	kg(lbs)	24(53)	24(53)	31(68)	31(68)	38(84)	38(84)	38(84)	38(84)	
Weight	Outdoor	kg(lbs)	33(73)	36(79)	38(84)	52(115)	52(115)	61(134)	53(117)	62(137)	
			NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY								
Remote Controller Type (NOT Supplied With Unit)			3 Core + Earth							3 Core + Earth	
Interconnecting Cable (Suggested cable size 2.5mm)			13							16	
Suggested MCB Size	Amp		16							20	
Max. Operating Current	Cooling/Heating	A	25							25	
Power Supply To			25							32	
Connection Pipe Diameter (Gas / Liquid)	Inch		1/2 & 1/4							5/8 & 3/8	
Max Pipe Length (Pre-Charge)	m		5/8 & 3/8							5/8 & 3/8	
Max Height Difference			30(30)							30(30)	
Refrigerant	Type		15							30	
	Charge	g	20							30	
Operation Range	Additional Charge	g/m	R32							R32	
	Cooling	°CDB	20							2700	
Operation Range	Heating	°CDB	-10 to 46							-10 to 46	
			-15 to 24							-10 to 24	

Easy maintenance

The front panel can be opened without removing the whole unit for safe & speedy maintenance.



The drain pan can be taken off for cleaning.



Components in the control box can be easily accessed.



**Model : ABYG18KRTA / ABYG22KRTA / ABYG24KRTA / ABYG30KRTA / ABYG36KRTA / ABYG45KRTA
ABYG36KRTA [3 phase] / ABYG45KRTA [3 phase] / ABYG54KRTA [3phase]**



Standard Specifications

TENTATIVE

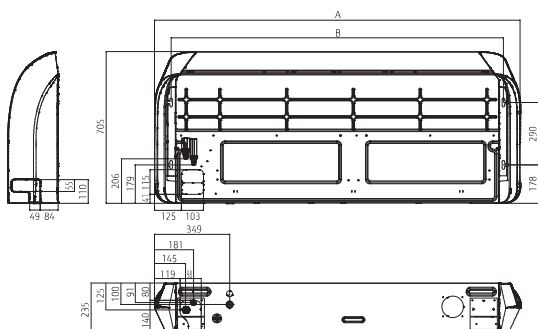
Model No.	Indoor unit		ABYG18KRTA	ABYG22KRTA	ABYG24KRTA	ABYG30KRTA	ABYG36KRTA	ABYG45KRTA	ABYG36KRTA	ABYG45KRTA	ABYG54KRTA
	Outdoor unit		AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Power Source			Single phase, ~230V, 50Hz						3 phase, ~400V, 50Hz		
Capacity	Cooling	kW	5.2(0.9-5.9)	6.0(0.9-6.7)	6.8(0.9-8.0)	8.5(2.8-10.0)	9.5(2.8-11.2)	12.1(4.0-13.5)	9.5(2.8-11.2)	12.1(4.0-13.5)	13.4(4.5-14.5)
	Heating		6.0(0.9-7.5)	7.0(0.9-8.0)	7.5(0.9-9.1)	10.0(2.7-11.2)	10.8(2.7-12.7)	13.5(4.2-16.2)	10.8(2.7-12.7)	13.5(4.2-16.2)	15.5(4.7-16.5)
UK Total / Sensible Cooling			5.01 / 3.62	5.85 / 4.12	6.63 / 4.97	8.08 / 5.23	9.03 / 7.44	11.54 / 8.37	9.03 / 7.44	11.54 / 8.37	13.38 / 9.84
Input Power	Cooling/Heating	kW	1.55/1.62	1.87/1.95	2.14/1.97	2.65/2.77	2.96 / 2.88	4.22 / 3.84	2.96/2.88	4.22/3.84	4.42/4.43
EER	Cooling	W/W	3.35	3.21	3.18	3.21	3.21	2.87	3.21	2.87	3.01
COP	Heating		3.70	3.59	3.81	3.61	3.75	3.52	3.75	3.52	3.5
Pdesign	Cooling/Heating(-10°C)	kW	5.2/4.4	6.0/4.8	6.8/6.0	8.5/8.0	9.5 / 8.7	12.1 / 9.2	9.5/8.7	12.1/9.2	13.4/-
SEER	Cooling	W/W	6.2	6.1	6.2	6.1	6.37	-	6.37	-	-
SCOP	Heating (Average)		4.1	4.0	4.1	4.0	4.21	-	4.21	-	-
Energy Efficiency Class	Cooling	A++		A++	A++	A++	A++	-	A++	-	-
	Heating (Average)	A+		A+	A+	A+	A+	-	A+	-	-
Annual Energy Consumption	Cooling	kWh/a	298	344	384	486	524	-	524	-	-
	Heating		1,501	1,677	2,042	2,796	2,904	-	2,904	-	-
Moisture Removal			2.0	2.5	2.2	3.0	2.6	4.5	2.6	4.5	-
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/36/33/31	42/37/34/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	48
	Indoor (Heating)	H/M/L/Q	38/36/33/31	42/37/34/31	41/36/32/29	45/40/35/32	44/40/37/32	45/41/39/34	44/40/37/32	45/41/39/34	48
Sound Power Level	Outdoor(Cooling/Heating)	High	50/50	51/51	53/54	53/55	55 / 55	57 / 57	55/55	57/57	58/59
	Indoor(Cooling/Heating)	High	53/53	57/57	56/56	60/60	59 / 59	60 / 60	59/59	60/60	63/63
Airflow Rate	Outdoor(Cooling/Heating)	High	62/62	63/63	65/66	68/69	70 / 70	71 / 71	70/70	71/71	73/73
	Indoor / Outdoor (Cooling)	High	840/2,160	900/2,240	1,230/2,700	1,400/3,750	1,850/3,750	1,900/4,450	1,850/3,750	1,900/4,450	-
Net Dimensions H x W x D	Indoor	mm	235x1,080x705	235x1,080x705	235x1,390x705	235x1,390x705	235x1,700x705	235x1,700x705	235x1,700x705	235x1,700x705	235x1,700x705
	Outdoor	mm	632x799x290	632x799x290	716x820x315	788x940x320	788x940x320	998x940x320	788x940x320	998x940x320	998x940x320
Weight	Indoor	kg(lbs)	24(53)	24(53)	31(68)	31(68)	38(84)	38(84)	38(84)	38(84)	40(88)
	Outdoor	kg(lbs)	36(79)	38(84)	42(93)	52(115)	52(115)	67(148)	53(117)	67(148)	67(148)
Remote Controller Type (NOT Supplied With Unit)			NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY								
Interconnecting Cable (Suggested cable size 2.5mm)			3 Core +Earth						3 Core +Earth		
Suggested MCB Size	Amp		16	16	20	25	25	32	16	16	16
Max. Operating Current	Cooling/Heating	A	12.1/12.1	12.6/12.6	13.6/13.6	22.6/22.6	22.6 / 22.6	28.5 / 28.5	10.5/10.5	14.0/14.0	14.0/14.0
Power Supply To			Outdoor								
Connection Pipe Diameter (Gas / Liquid)	Inch		1/2 & 1/4	1/2 & 1/4	1/2 & 1/4	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Pre-Charge)	m		30(20)	30(20)	30(20)	50(30)	50 (30)	50 (30)	50(30)	50(30)	50(30)
Max Height Difference			20	25	25	30	30	30	30	30	30
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32	R32	R32
	Charge	g	1020	1250	1250	1900	1900	2700	1900	2700	2700
	Additional Charge	g/m	20	20	20	40	40	40	40	40	40
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46
	Heating	°CDB	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24

Optional parts

- Compact Remote Controller: UTY-RCRYZ1
- Wired Remote Controller (Touch Panel): UTY-RNRYZ3
- Simple Remote Controller (Without operation mode): UTY-RHRY
- Simple Remote Controller: UTY-RSRY
- External Switch Controller : UTY-TERX
- External input and output PCB : UTY-XCSX
- External input and output PCB Box : UTY-GXRA
- External Connect Kit : UTY-XWZXG
- Wireless LAN Interface: UTY-TFSXZ1
- MODBUS® Converter: UTY-VMSX
- KNX® Converter UTY-VKSX
- Drain Pump Unit: UTZ-DPB24T
- IR Receiver Unit : UTY-LBTYH
- L-Type Piping Kit: UTP-FX24A (18/22/24) UTP-FX35A (30/36/45/54)
- Network Converter for single split (DC power supply type): UTY-VTGX
- Network Converter for single split (AC power supply type): UTY-VTGXV
- Wireless interface for use with Smart home products: FJ-AC-WIFI-1
- (Outdoor unit 30/36/45/54) External Connect Kit: UTY-XWZXZ3

Dimensions

(Unit : mm)



	ABYG18/22KRTA	ABYG24/30KRTA	ABYG36/45/54KRTA
A	1,080	1,390	1,700
B	923	1,233	1,543