

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
COP	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
	Outdoor(Cooling/Heating)	High	60/60	62/62	63/63	63/64	
	Indoor / Outdoor (Cooling)	High	m³/h	600/1,610	650/1,630	800/1,670	940/1,710
Airflow Rate	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)	20(44)	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			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	kW	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		4.17	3.76	3.36	3.35
COP	Heating	W/W	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		6.20	6.10	5.80	6.20
SCOP	Heating	W/W	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	kWh/a	845	1,189	1,362	1,501
Moisture Removal			l/h	0.7	1.3	1.5
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)			Pa	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
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
Max Pipe Length (Pre-Charge)			m	20 (15)	25 (15)	30 (20)
Max Height Difference			m	15	20	20
Operation Range	Cooling	°CDB	-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
Refrigerant	Type		R32	R32	R32	R32
	Charge	g	850	850	850	1020
	Additional Charge	g/m	20	20	20	20

Optional parts

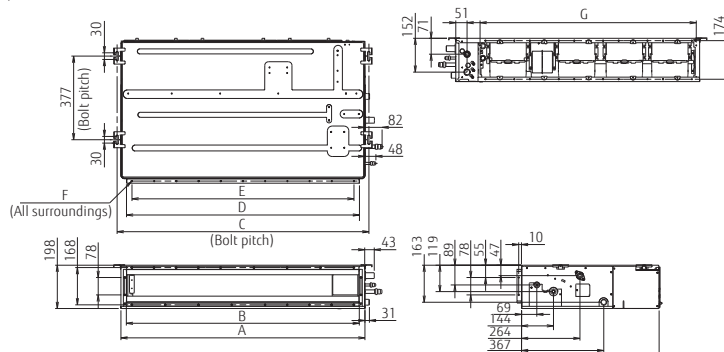
Compact Wired Remote Controller: UTY-RCRYZ1
 Wired Remote Controller (Touch Panel): UTY-RNRYZ3
 Wired Remote Controller: UTY-RVNYM
 Simple Remote Controller (Without operation mode): UTY-RHRY
 Simple Remote Controller: UTY-RSRY

External Switch Controller: UTY-TERX
 Wireless LAN Interface: UTY-TFSXZ1
 KNX® Convector: UTY-VKSX
 MODBUS® Convector: UTY-VMSX
 Remote Sensor Unit: UTY-XSZX

Network Converter for single split (DC power supply type): UTY-VTGX
 Network Converter for single split (AC power supply type): UTY-VTGXV
 Auto Louvre Grille Kit: UTD-GXSA-W (09-14)
 UTD-GXSB-W (18)
 UTY-LBTYM
 IR Receiver Unit: UTY-XWZXZG
 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