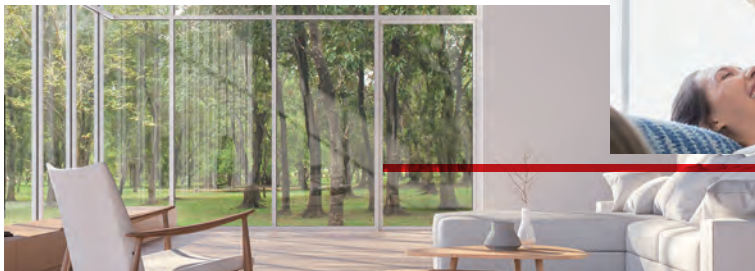
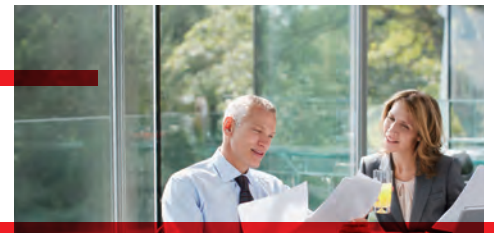
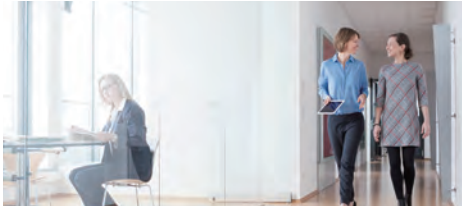


AIR CONDITIONING

NEW PRODUCTS 2019

AIR CONDITIONERS
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FUJITSU GENERAL AIR CONDITIONING (UK) LIMITED

OUR MESSAGE

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Design for Future



Design for Comfort



Design for Control

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SPLIT

Model: ASYG07KGTA / ASYG09KGTA / ASYG12KGTA / ASYG14KGTA



Wireless R.C.



Specifications

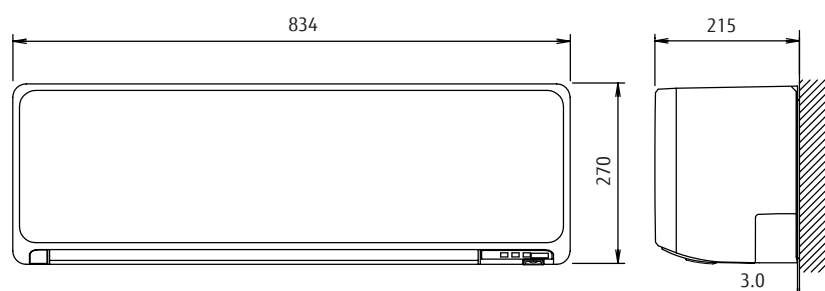
Model No.	Indoor unit		ASYG07KGTA	ASYG09KGTA	ASYG12KGTA	ASYG14KGTA	
	Outdoor unit		A0YG07KGCA	A0YG09KGCA	A0YG12KGCA	A0YG14KGCA	
Power Source			Single-phase, ~230V, 50Hz				
Capacity	Cooling	kW	2.00	2.50	3.40	4.20	
	Heating		2.50	2.80	4.00	5.40	
UK Total/Sensible Cooling		kW	2.28/2.11	2.74/2.51	3.31/2.70	3.59/2.89	
Input Power	Cooling/Heating	kW	0.400/0.500	0.555/0.560	0.805/0.910	1.175/1.350	
EER	Cooling	W/W	5.00	4.50	4.22	3.57	
COP	Heating		5.00	5.00	4.40	4.00	
Pdesign	Cooling/Heating(-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0	
SEER	Cooling	W/W	8.52	8.52	8.51	7.11	
SCOP	Heating (Average)		5.12	5.11	5.10	4.31	
Energy Efficiency Class	Cooling		A+++	A+++	A+++	A++	
	Heating (Average)		A+++	A+++	A+++	A+	
Annual Energy Consumption	Cooling	kWh/a	82	103	140	207	
	Heating		628	658	685	1298	
Moisture Removal		l/h	1.0	1.3	1.8	2.1	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	38/33/29/19	40/34/29/19	40/35/30/19	43/36/30/20
	Indoor (Heating)	H/M/L/Q		41/35/31/21	42/36/31/21	42/38/33/21	44/39/33/24
	Outdoor(Cooling/Heating)	High		46/46	46/48	50/50	50/50
Sound Power Level	Indoor(Cooling/Heating)	High		54/56	55/57	56/58	57/59
	Outdoor(Cooling/Heating)	High		61/62	61/63	65/66	65/66
Airflow Rate	Indoor / Outdoor	High	m³/h	650/1610	700/1610	700/1680	770/1680
Net Dimensions H x W x D Weight	Indoor		mm	270×834×215			
			kg	10			
	Outdoor		mm	542×799×290			
			kg	30	30	31	32
Remote Controller Type (Supplied With Unit)			Wireless	Wireless	Wireless	Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				
Suggested MCB Size		Amp	10	10	10	15	
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	9.0/10.5	
Power Supply To			Outdoor				
Connection Pipe Diameter (Gas & Liquid)		Inch	3/8 & 1/4				
Max Pipe Length (Pre-Charge)		m	20 (15)				
Max Height Difference			15				
Operation Range	Cooling	°CDB	-10 to 46				
	Heating		-15 to 24				
Refrigerant	Type		R32				
	Charge	g	750	750	850	850	
	Additional Charge	g/m	20	20	20	20	
List Price		£	810	877	1009	1135	

Optional parts

Wired Remote Controller:	UTY-RNRYZ3	£167	(Communication kit required - UTYTWRXZ2)
Simple Remote Controller:	UTY-RSRY	£125	(Communication kit required - UTYTWRXZ2)
External Input and Output PCB:	UTY-XCSXZ2	£80	
Communication kit:	UTY-TWRXZ2	£73	
Wireless LAN Interface:	UTY-TFSXW1	£131	
External connect kit:	UTY-XWZX	£9	

Dimensions

(Unit : mm)



Model: ASYG07KMTA / ASYG09KMTA / ASYG12KMTA / ASYG14KMTA



Wireless R.C.



For ASYG07/09/12KMTA



For ASYG14KMTA

Specifications

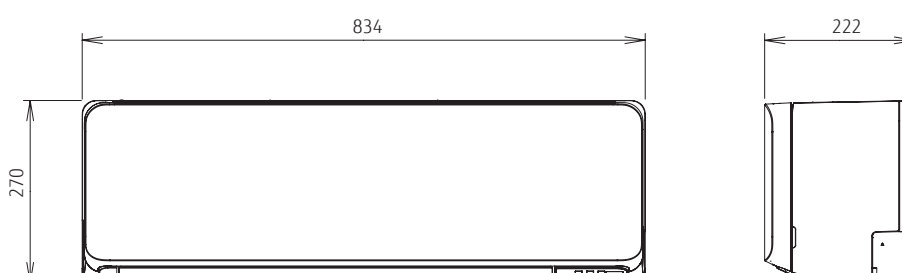
Model No.	Indoor unit		ASYG07KMTA	ASYG09KMTA	ASYG12KMTA	ASYG14KMTA
	Outdoor unit		AOYG07KMTA	AOYG09KMTA	AOYG12KMTA	AOYG14KMTA
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.0 (0.9-3.0)	2.5 (0.9-3.2)	3.4 (0.9-3.9)	4.2 (0.9-4.4)
	Heating		2.5 (0.9-3.4)	2.8 (0.9-4.0)	4.0 (0.9-5.3)	5.4 (0.9-6.0)
UK Total/Sensible Cooling		kW	2.59/2.44	2.65/2.50	3.29/2.71	3.65/2.75
Input Power	Cooling/Heating	kW	0.450/0.555	0.630/0.620	0.935/0.960	1.220/1.410
EER	Cooling	W/W	4.43	3.97	3.65	3.44
COP	Heating		4.52	4.52	4.17	3.83
Pdesign	Cooling/Heating (-10°C)	kW	2.0/2.3	2.5/2.4	3.4/2.5	4.2/4.0
SEER	Cooling	W/W	7.40	7.40	7.30	6.90
SCOP	Heating (Average)		4.10	4.10	4.40	4.10
Energy Efficiency Class	Cooling		A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+
Annual Energy Consumption	Cooling	kWh/a	97	118	168	213
	Heating		785	820	813	1366
Moisture Removal		l/h	1.0	1.3	1.8	2.1
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	38/33/29/20	40/34/29/20	40/35/30/20	43/36/30/20
	Indoor (Heating)	H/M/L/Q	41/35/31/22	42/36/31/22	42/38/33/22	44/39/33/24
Sound Power Level	Outdoor (Cooling/Heating)	High	46/46	46/46	50/50	50/50
	Indoor (Cooling/Heating)	High	54/56	55/57	55/58	57/59
Airflow Rate	Indoor (Cooling/Heating)	High	61/61	61/62	65/65	65/66
	Outdoor (Cooling/Heating)	High	61/61	61/62	65/65	65/66
Net Dimensions H x W x D	Indoor	mm	270×834×222	270×834×222	270×834×222	270×834×222
Weight		kg	10	10	10	10
	Outdoor	mm	541×663×290	541×663×290	541×663×290	542×799×290
		kg	23	23	25	31
Remote Controller Type (Supplied With Unit)			Wireless	Wireless	Wireless	Wireless
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size			10	10	10	15
Max. Operating Current	Cooling/Heating	A	6.5/9.0	6.5/9.0	6.5/9.0	6.5/9.0
Power Supply To			Outdoor			
Connection Pipe Diameter (Gas / Liquid)			3/8 & 1/4	3/8 & 1/4	3/8 & 1/4	3/8 & 1/4
Max Pipe Length (Pre-Charge)			20 (15)	20 (15)	20 (15)	20 (15)
Max Height Difference			15	15	15	15
Refrigerant	Type		R32	R32	R32	R32
	Charge	g	600	600	700	850
	Additional Charge	g/m	20	20	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
List Price	£		650	699	802	981

Optional parts

Wired Remote Controller:	UTY-RVNYM	£108	(Communication kit required - UTYTWBFX2)
Simple Remote Controller:	UTY-RSNYM	£86	(Communication kit required - UTYTWBFX2)
External connect kit:	UTY-XWZX25	£9	
Communication kit:	UTY-TWBXF2	£94	
Wireless LAN Interface:	UTY-TFSXW1	£131	
Wired Remote Plug:	9705932012	£16	(For Group Control)

Dimensions

(Unit : mm)





Wireless R.C.



For ASYG18KMTA



For ASYG24KMTA

Specifications

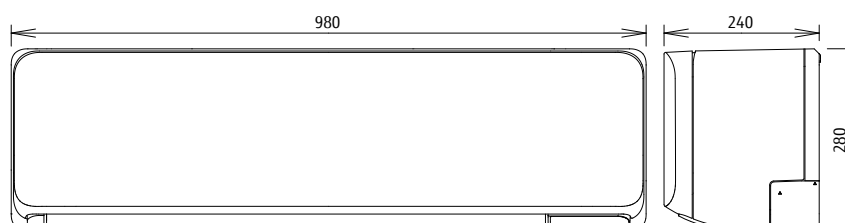
Specifications			Indoor unit		Outdoor unit		Indoor unit		Outdoor unit		
Model No.			Indoor unit		Outdoor unit		Indoor unit		Outdoor unit		
							ASYG18KMTA		ASYG24KMTA		
							AOYG18KMTA		AOYG24KMTA		
Power Source						Single-phase, ~230V, 50Hz					
Capacity		Cooling		kW	5.2(0.9-6.0)			7.1(0.9-8.3)			
		Heating			6.3(0.9-8.7)			8.0(0.9-10.1)			
UK Total/sensible cooling				kW	4.91 / 3.76			6.7 / 4.93			
Input Power		Cooling/Heating		kW	1.39/1.56			2.08/1.91			
EER		Cooling		W/W	3.74			3.41			
COP		Heating			4.04			4.19			
Pdesign		Cooling/Heating(-10°C)		kW	5.2/4.8			7.1/7.1			
SEER		Cooling		W/W	7.77			7.28			
SCOP		Heating (Average)			4.56			4.18			
Energy Efficiency Class		Cooling		A++			A++				
		Heating (Average)		A+			A+				
Annual Energy Consumption		Cooling		kWh/a	234			341			
		Heating			1,472			2,372			
Moisture Removal				l/h	1.3			2.7			
Sound Pressure Level		Indoor (Cooling)		H/M/L/Q	dB(A)	45/40/35/29			49/40/35/29		
		Indoor (Heating)		H/M/L/Q		46/40/35/29			49/40/35/29		
		Outdoor(Cooling/Heating)		High		50/50			54/52		
Sound Power Level		Indoor(Cooling/Heating)		High		60/61			65/65		
		Outdoor(Cooling/Heating)		High		65/65			67/66		
Airflow Rate		Indoor / Outdoor (Cooling)		High	m³/h	980/2,346			1,170/3,240		
		Indoor / Outdoor (Heating)		High		1,020/2,100			1,170/2,820		
Net Dimensions H x W x D		Indoor		mm	280 × 980 × 240			280 × 980 × 240			
		Outdoor		mm	632 × 799 × 290			716 × 820 × 315			
Weight		Indoor		kg	12.5			12.5			
		Outdoor		kg	36			42			
Remote Controller Type (Supplied With Unit)						Wireless			Wireless		
Interconnecting Cable (Suggested cable size 1.5mm)						3 Core + Earth					
Suggested MCB Size				Amp	16			16			
Max. Operating Current		Cooling/Heating		A	9.5/13.5			13.5/16.0			
Power Supply To						Outdoor					
Connection Pipe Diameter (Gas/Liquid)				Inch	1/2 & 1/4			6.35 / 12.70			
Max Pipe Length (Pre-Charge)				m	25(15)			30(15)			
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	1020			1320			
		Additional Charge		gm	20			20			
List Price				£	1100			1606			

Optional parts

Wired Remote Controller:	UTY-RNRYZ3	£167	(Communication kit required - UTYTWRXZ2)
Simple Remote Controller:	UTY-RSRY	£125	(Communication kit required - UTYTWRXZ2)
External input and output PCB:	UTY-XCSXZ2	£80	
External connect kit:	UTY-XWZXZ5	£9	
Communication kit:	UTY-TWRXZ2	£73	
Wireless LAN Interface:	UTY-TFSXF2	£70	

Dimensions

(Unit : mm)





Wireless R.C.



Specifications

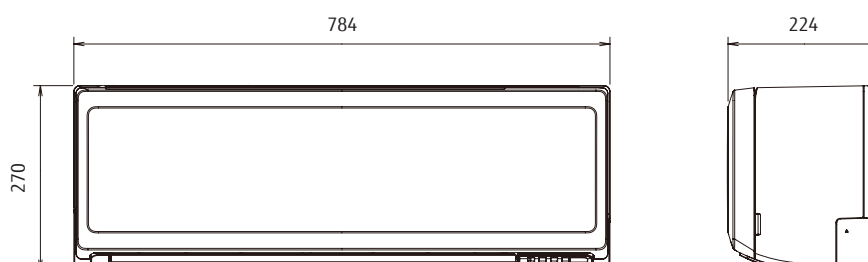
Model No.	Indoor unit		ASYG09KPCA		ASYG12KPCA	
	Outdoor unit		AOYG09KPCA		AOYG12KPCA	
Power Source			Single-phase, ~230V, 50Hz			
Capacity	Cooling	kW	2.5 (0.9-3.0)		3.4 (0.9-3.7)	
	Heating		2.8 (0.9-3.8)		3.8 (0.9-4.8)	
UK Total/sensible cooling		kW	2.42 / 1.59		3.09 / 2.01	
Input Power	Cooling/Heating	kW	0.71/0.79		1.00/1.14	
EER	Cooling	W/W	3.52		3.40	
COP	Heating		3.54		3.33	
Pdesign	Cooling/Heating(-10°C)	kW	2.5/2.4		3.4/2.5	
SEER	Cooling	W/W	6.70		6.30	
SCOP	Heating (Average)		4.00		4.10	
Energy Efficiency Class	Cooling		A++		A++	
	Heating (Average)		A+		A+	
Annual Energy Consumption	Cooling	kWh/a	131		189	
	Heating		840		853	
Moisture Removal		l/h	1.3		1.8	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	45/38/31/22		46/40/33/22	
	Indoor (Heating)	H/M/L/Q	45/40/36/26		46/40/35/27	
Sound Power Level	Outdoor(Cooling/Heating)	High	47/47		49/51	
	Indoor(Cooling/Heating)	High	57/58		59/59	
	Outdoor(Cooling/Heating)	High	59/59		62/62	
Airflow Rate	Indoor / Outdoor (Cooling)	High	630/1,650		630/1,700	
	Indoor / Outdoor (Heating)	High	630/1,450		630/1,470	
Net Dimensions H x W x D	Indoor	mm	270x784x224		270x784x224	
	Outdoor	mm	541x663x290		541x663x290	
Weight	Indoor	kg(lbs)	8(18)		8(18)	
	Outdoor	kg(lbs)	23 (51)		25 (55)	
Remote Controller Type (Supplied With Unit)			Wireless		Wireless	
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth			
Suggested MCB Size		Amp	10		10	
Max. Operating Current	Cooling/Heating	A	6.5/9.0		6.5/9.0	
Power Supply To			Outdoor			
Connection Pipe Diameter (Liquid / Gas)		mm	6.35/9.52		6.35/9.52	
Drain hose Diameter (I.D./O.D.)			13.8/15.8 to 16.7		13.8/15.8 to 16.7	
Max Pipe Length (Pre-Charge)		m	20 (15)		20 (15)	
Max Height Difference			15		15	
Operation Range	Cooling	°CDB	-10 to 46		-10 to 46	
	Heating		-15 to 24		-15 to 24	
Refrigerant	Type		R32 (675)		R32 (675)	
	Charge	g	550		590	
	Additional Charge	g/m	20		20	
List Price		£	577		657	

Optional parts

Wireless LAN Interface: UTY-TFSXF2	£70
Remote Controller Holder: UTZ-RXLA	£8

Dimensions

(Unit : mm)



Model: ASYG18KLCA / ASYG24KLCA



Wireless R.C.



For ASYG18KLCA



For ASYG24KLCA

Specifications

Model No.			Indoor unit		ASYG18KLCA		ASYG24KLCA		
			Outdoor unit		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		
COP		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		
SCOP		Heating (Average)			4.30		4.00		
Energy Efficiency Class		Cooling		kWh/a	A++		A++		
		Heating (Average)			A+		A+		
Annual Energy Consumption		Cooling		l/h	253		350		
		Heating			1563		2485		
Moisture Removal					1.9		3.1		
Sound Pressure Level		Indoor (Cooling)	H/M/L/Q	dB(A)	47/44/40/35		51/45/38/33		
		Indoor (Heating)	H/M/L/Q		50/45/41/37		52/45/41/37		
		Outdoor(Cooling/Heating)	High		50/56		55/57		
Sound Power Level		Indoor(Cooling/Heating)	High		60/65		64/65		
		Outdoor(Cooling/Heating)	High		61/66		65/67		
Airflow Rate		Indoor / Outdoor (cooling)	High	m³/h	865/1,830		1,040/2,885		
		Indoor / Outdoor (heating)	High		995/2,265		1,040/3,030		
Net Dimensions H x W x D		Indoor		mm	293×790×249		293×790×249		
				kg	9.5		10.0		
				mm	542×799×290		632×799×290		
Weight		Outdoor		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	g	R32		R32			
		Charge		850		1100			
		Additional Charge		20		20			
List Price					894		1344		

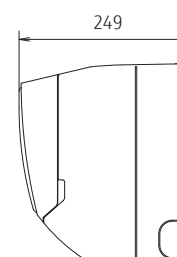
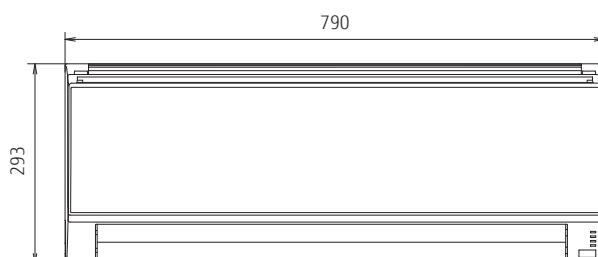
Optional parts

Remote Controller Holder: UTZ-RXLA

£8

Dimensions

(Unit : mm)





For AUXG9/12/14KVLA



For AUXG18/22LVLA



For AUXG24KVLA

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
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
Sound Power Level	Outdoor(Cooling/Heating)	High	46/46	47/47	49/49	50/50	51/51	53/54
	Indoor(Cooling/Heating)	High	46/47	49/49	50/55	50/55	56/57	59/61
Airflow Rate	Outdoor(Cooling/Heating)	High	59/59	61/61	62/62	62/62	63/63	65/66
	Indoor / Outdoor (Cooling)	High	540/1,480	600/1,580	680/1,670	680/2,160	830/2,240	930/2,700
Net Dimensions H x W x D	Indoor / Outdoor (Heating)	High	540/1,410	600/1,520	800/1,580	800/1,830	860/1,960	930/2,700
	Indoor	mm	245x570x570	245x570x570	245x570x570	245x570x570	245x579x570	245x570x570
Weight	Outdoor	mm	542x799x290	542x799x290	542x799x290	632x799x290	632x799x290	716x820x315
	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
Max. Operating Current	Cooling/Heating		A	7.9	9.7	10.2	12.1	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		20 (15)	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)
Max Height Difference			15	20	20	20	25	25
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
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
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
List price (Does not include a Controller)			£	1107	1188	1372	1552	1715
								1871

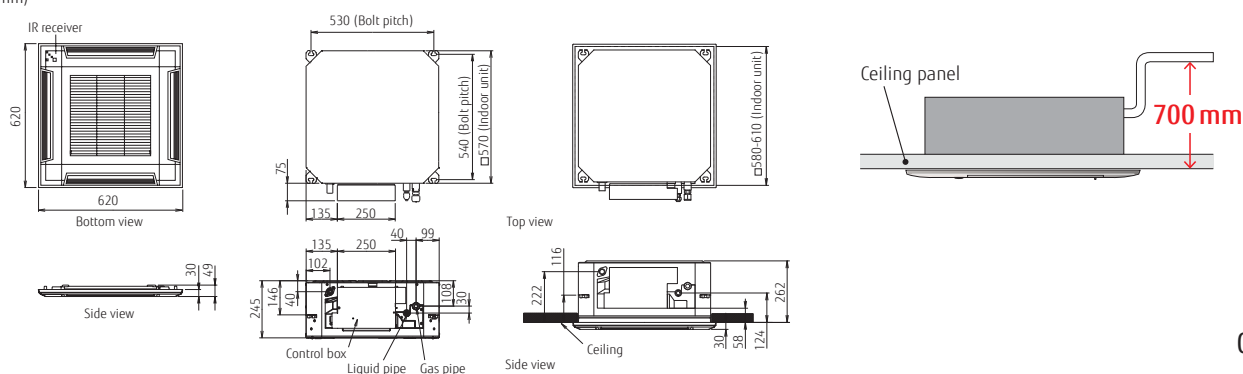
Optional parts

Wireless Remote Controller: UTY-LNTY	£49
Wired Remote Controller: UTY-RNRYZ3	£160
Wired Remote Controller: UTY-RVNYM	£108
Simple Remote Controller: UTY-RHRY	£125
Wireless LAN Interface: UTY-TFSXZ1	£149

Fresh Air Intake Kit: UTY-VXAA	£303
External Input and Output PCB (with box): UTY-XCSX+UTZ-GXRA	£88 + £55
External Connect Kit: UTY-XWZXZG	£8

Dimensions

(Unit : mm)



**Model: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB
AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB**



Specifications

				AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	
Model No.	Indoor unit										
	Outdoor unit			AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB	
Power Source				Single-phase, ~230V, 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)	
	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)	15.5 (4.7-16.5)	
UK Total/sensible cooling				5.01/4.03	5.85/4.30	6.63/4.74	8.08/8.77	9.05/6.49	11.54/8.56	12.73/9.23	
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	
EER	Cooling	W/W		3.82	3.51	3.60	3.49	3.26	3.35	3.04	
COP	Heating			3.80	3.85	3.95	3.98	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	-	-	
SEER	Cooling	W/W		7.00	7.00	6.60	6.70	6.55	-	-	
SCOP	Heating (Average)			4.30	4.40	4.20	4.30	4.30	-	-	
Energy Efficiency Class	Cooling			A++	A++	A++	A++	A++	-	-	
	Heating (Average)			A+	A+	A+	A+	A+	-	-	
Annual Energy Consumption	Cooling	kWh/a		260	300	360	444	507	-	-	
	Heating			1,431	1,527	1,999	2,601	2,828	-	-	
Moisture Removal			I/h	1.5	2.2	2.7	2.5	3.3	4.5	5.0	
Sound Pressure Level	Indoor (Cooling)	H/M/L/Q	dB(A)	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	
	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	
	Outdoor(Cooling/Heating)	High		50/50	51/51	53/54	53/55	55/55	57/57	57/59	
Sound Power Level	Indoor(Cooling/Heating)	High		47/47	49/49	49/49	54/54	58/58	60/60	61/61	
	Outdoor(Cooling/Heating)	High		62/62	63/63	65/66	68/69	70/70	71/71	73/73	
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	1,050/2,160	1,050/2,240	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	
	Indoor / Outdoor (Heating)	High		1,050/1,830	1,050/1,960	1,150/2,700	1,600/3,750	1,870/3,750	2,000/4,450	2,100/4,450	
Net Dimensions	Indoor	mm		246x840x840	246x840x840	246x840x840	288x840x840	288x840x840	288x840x840		
H x W x D	Outdoor	mm		632x799x290	632x799x290	716x820x315	788x940x320	788x940x320	998x940x320	998x940x320	
Weight	Indoor	kg(lbs)		23 (51)	23 (51)	24 (53)	26 (57)	29 (64)	29 (64)	29 (64)	
	Outdoor	kg(lbs)		36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	67 (148)	67 (148)	
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	16	16	16	25	25	30	30	
Max. Operating Current	Cooling/Heating	A		12.1	12.6	13.6	22.6	22.6	28.5	28.5	
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	
Max Pipe Length (Pre-Charge)			m	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	
Max Height Difference				20	25	25	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	
	Heating			-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	
	Charge	g		1020	1250	1250	1900	1900	2700	2700	
	Additional Charge	g/m		20	20	20	40	40	40	40	
Cassette Grille	Model Name			UTG-UKYA-W (Wired remote controller UTY-RNRYZ3 included)							
	Dimensions (H x W x D)	mm		53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	53x950x950	
	Weight	kg		6.0	6.0	6.0	6.0	6.0	6.0	6.0	
List Price				£	1720	1865	2030	2217	2556	2884	3284

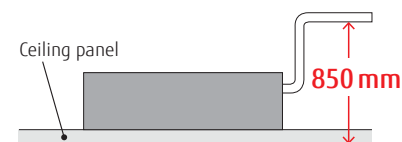
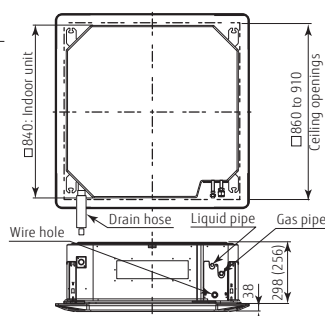
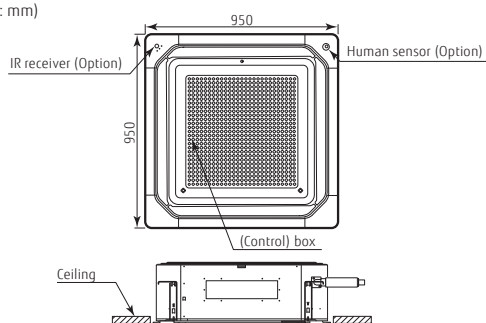
Optional parts

Wired Remote Controller: UTY-RNRYZ3 £160 (Included with Grille)
 UTY-RVNYM £108
 Simple Remote Controller: UTY-RSXYM £86
 IR Receiver Kit: UTY-LBTYC £102
 Wireless LAN Interface: UTY-TFSXZ1 £149
 Human Sensor Kit: UTY-SHZXC £63

Fresh Air Intake Kit: UTZ-VXRA £379
 Insulation Kit for High Humidity: UTZ-KXRA TBC
 External Input and Output PCB (with box): UTY-XCSX + UTZ-GXRA £88 + £55
 External Connect Kit: UTY-XWZXCZG £8

Dimensions

(Unit : mm)



() : AUXG18/22/24KRLB

Model : ARXG09KLLAP / ARXG12KLLAP / ARXG14KLLAP / ARXG18KLLAP

No Controller
included

NEW



For ARXG09/12/14KLLAP For ARXG18KLLAP

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		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	32/30/28/26	32/30/29/27
	Indoor (Heating)	H/M/L/Q		28/26/25/24	29/28/26/24	32/30/29/27
	Outdoor (Cooling/Heating)	High		46/46	49/49	50/50
	Indoor (Cooling/Heating)	High		57/57	58/58	58/58
Sound Power Level	Outdoor (Cooling/Heating)	High	59/59	61/61	62/62	62/62
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)	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
List Price (Does not include a Controller)		£	1080	1166	1343	1564

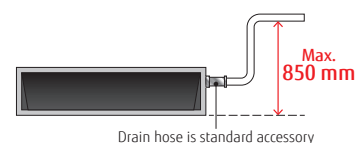
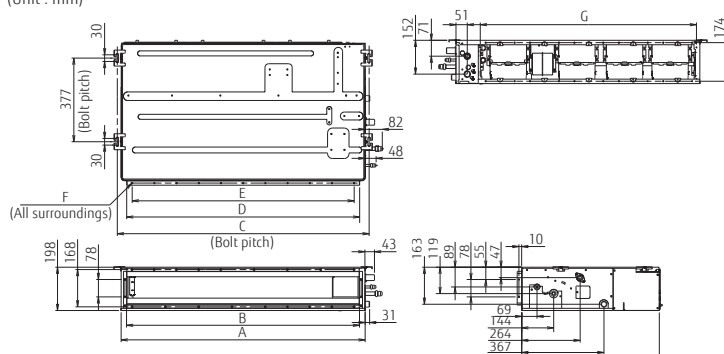
Optional parts

Wired Remote Controller: UTY-RNRYZ3 £160
 UTY-RVNYM £108
 Simple Remote Controller: UTY-RSNYM £86
 IR Receiver Kit: UTY-LBTYM £277

Wireless LAN Interface: UTY-TFSXZ1 £149
 Remote Sensor Unit: UTY-XSZX £58
 Auto Louver Grille Kit: UTD-GXTA-W (ARXG12/14KLLAP) £135
 UTD-GXTB-W (ARXG18KLLAP) £TBC
 External Connect Kit: UTY-XWZXZG £8

Dimensions

(Unit : mm)



Drain hose is standard accessory

	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

SPLIT



**Model: ARXG12KHTAP / ARXG14KHTAP / ARXG18KHTAP / ARXG22KHTAP / ARXG24KHTAP
ARXG30KHTAP / ARXG36KHTAP / ARXG45KHTAP / ARXG54KHTAP**

**No Controller
included**



NEW

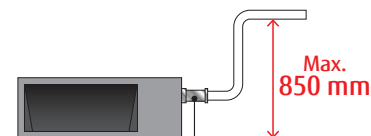


Specifications

Model No.	Indoor unit		ARXG12KHTAP	ARXG14KHTAP	ARXG18KHTAP	ARXG22KHTAP	ARXG24KHTAP	ARXG30KHTAP	ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP	
	Outdoor unit		AOYG12KBTB	AOYG14KBTB	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB	AOYG45KBTB	AOYG54KBTB	
Power Source			Single-phase, ~230V, 50Hz									
Capacity	Cooling Heating	kW	3.5 (0.9-4.4) 4.1 (0.9-5.7)	4.3 (0.9-5.4) 5.0 (0.9-6.5)	5.2 (0.9-5.9) 6.0 (0.9-7.5)	6.0 (0.9-6.7) 7.0 (0.9-8.0)	6.8 (0.9-8.0) 7.5 (0.9-9.1)	8.5 (2.8-10.0) 10.0 (2.7-11.2)	9.5 (2.8-11.2) 10.8 (2.7-12.7)	12.1 (4.0-14.0) 13.5 (4.2-16.2)	13.4 (4.5-14.5) 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	
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	
EER	Cooling	W/W	4.02	3.68	3.82	3.51	3.60	3.21	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	
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	-	-	
SEER	Cooling	W/W	6.30	6.20	6.50	6.50	6.50	6.23	6.10	-	-	
SCOP	Heating (Average)		4.10	4.00	4.10	4.20	4.10	4.00	4.20	-	-	
Energy Efficiency Class	Cooling	A++		A++	A++	A++	A++	A++	A++	-	-	
	Heating (Average)	A+		A+	A+	A+	A+	A+	A+	-	-	
Annual Energy Consumption	Cooling	kWh/a	194	243	280	323	366	477	544	-	-	
	Heating		1,159	1,328	1,501	1,597	2,048	2,796	2,898	-	-	
Moisture Removal		l/h	0.7	0.9	1.2	1.5	1.8	2.3	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	
	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	
Sound Power Level	Outdoor(Cooling/Heating)	High	47/47	49/49	50/50	51/51	53/54	53/55	55/55	57/57	57/59	
	Indoor(Cooling/Heating)	High	57/58	59/60	54/54	57/57	57/57	63/65	64/63	67/69	67/69	
Airflow Rate	Outdoor(Cooling/Heating)	High	61/61	62/62	62/62	63/63	65/66	68/69	70/70	71/71	73/73	
	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	
Static pressure range (Standard)	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	
		Pa	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (35)	30 to 200 (47)	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	
	Outdoor	mm	542x799x290	542x799x290	632x799x290	632x799x290	716x820x315	788x940x320	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)	
	Outdoor	kg(lbs)	33 (73)	33 (73)	36 (79)	38 (84)	42 (93)	52 (115)	52 (115)	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	
Max. Operating Current		A	9.7	10.2	12.1	12.6	13.6	22.6	22.6	28.5	28.5	
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	
Max Pipe Length (Pre-Charge)		m	25 (15)	25 (15)	30 (20)	30 (20)	30 (20)	50 (30)	50 (30)	50 (30)	50 (30)	
Max Height Difference			20	20	20	25	25	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	
	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	
Refrigerant	Type		R32	R32	R32	R32	R32	R32	R32	R32	R32	
	Charge	g	850	850	1020	1250	1250	1900	1900	2700	2700	
	Additional Charge	g/m	20	20	20	20	20	40	40	40	40	
Filter (To be ordered separatley)			UTD-LFNC	UTD-LFNC	UTD-LFNB	UTD-LFNB	UTD-LFNB	UTD-LFNB	UTD-LFNA	UTD-LFNA	UTD-LFNA	
List Price (Includes the Filter but Does not include a Controller)			£	1424	1531	1693	1810	1984	2310	2675	2912	3332

Optional parts

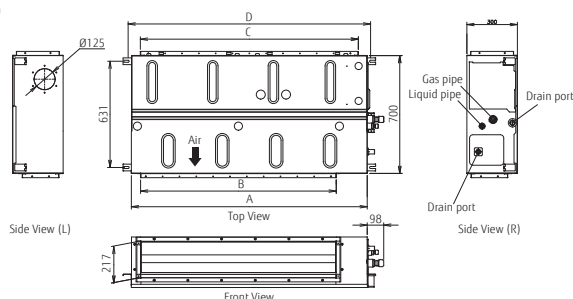
Wired Remote Controller: UTY-RNRYZ3	£160	Long Life Filter: UTD-LFNA (ARXG36/45/54KHTAP)	£63
UTY-RVNYM	£108	UTD-LFNB (ARXG18/24/30KHTAP)	£63
Simple Remote Controller: UTY-RSNYM	£86	UTD-LFNC (ARXG12/14KHTAP)	£61
IR Receiver Kit: UTY-LBTYM	£277		
Wireless LAN Interface: UTY-TFSXZ1	£149	External Input and Output PCB (with bracket): UTY-XCSX + UTZ-GXNA	£88 + £29
Remote Sensor Unit: UTY-XSZX	£58	External Connect Kit: UTY-XWZXZG	£8
		External Input and Output PCB BOX: UTZ-GXRA	£55



Drain hose is standard accessory

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



Specifications

Specifications			ARXG45KHTA	ARXG54KHTA
Model No.	Indoor unit		AOYG45KBTB	AOYG54KBTB
	Outdoor unit			
Power Source			Single-phase, ~230V, 50Hz	
Capacity	Cooling	kW	12.1 (4.0-14.0)	13.4 (5.0-14.5)
	Heating		13.5 (5.0-16.2)	15.5 (5.5-18.0)
UK Total/sensible cooling			11.54/9.68	12.78/10.60
Input Power	Cooling/Heating	kW	4.16/3.61	4.77/4.18
EER	Cooling	W/W	2.91	2.81
COP	Heating		3.74	3.71
Pdesign	Cooling/Heating(-10°C)	kW	-	-
SEER	Cooling	W/W	-	-
SCOP	Heating		-	-
Energy Efficiency Class	Cooling		-	-
	Heating		-	-
Annual Energy Consumption	Cooling		-	-
	Heating		-	-
Moisture Removal			1.5	2.0
Sound Pressure Level	Indoor (Cooling)	H/M/L	dB(A)	47/43/40
	Indoor (Heating)	H/M/L		47/43/40
	Outdoor(Cooling/Heating)	High		57/57
Sound Power Level	Indoor(Cooling/Heating)	High		75/74
	Outdoor(Cooling/Heating)	High		71/71
Airflow Rate	Indoor / Outdoor (Cooling)	High	m³/h	3,350/4,450
	Indoor / Outdoor (Heating)	High		3,350/4,450
Static pressure range (Standard)			Pa	100 to 250 (100)
Net Dimensions H x W x D	Indoor	mm	400x1,050x500	400x1,050x500
	Outdoor	mm	46 (101)	46 (101)
Weight	Indoor	kg(lbs)	998x940x320	998x940x320
	Outdoor	kg(lbs)	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	30
Max. Operating Current			A	28.5
Power Supply To			Outdoor	
Connection Pipe Diameter (Gas / Liquid)			Inch	5/8 & 3/8
Max Pipe Length (Pre-Charge)			m	50 (30)
Max Height Difference				30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24
Refrigerant	Type		R32	R32
	Charge	g	2700	2700
	Additional Charge	g/m	40	40
Filter (To be ordered separately)			UTD-LF60KA	UTD-LF60KA
List Price		£	3238	3487

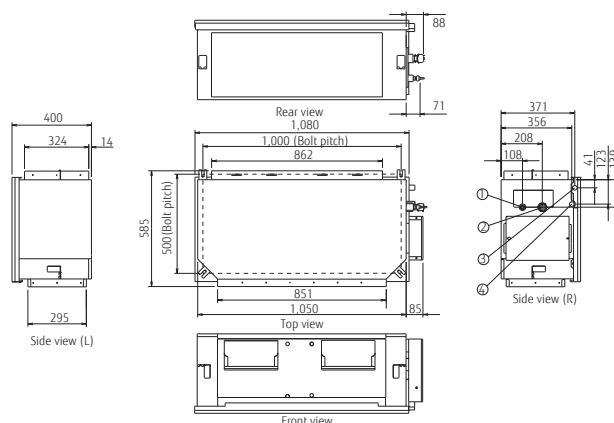
Optional parts

Wired Remote Controller: UTY-RVNYM £108
 Simple Remote Controller: UTY-RSNYM £86
 Wireless LAN Interface: UTY-TFNXZ1 £149
 Remote Sensor Unit: UTY-XSZX £58

Long Life Filter: UTD-LF60KA £99
 External Connect Kit: UTD-ECS5A £15

Dimensions

(Unit : mm)



MULTI SPLIT - TWIN & TRIPLE

Model: AOYG36KBTB / AOYG45KBTB / AOYG54KBTB

No Controllers included with the indoor units



36



45/54

Specifications (Indoor units/Outdoor units)

Indoor Units Model No.				Compact Cassette		
				AUXG18KVLA	AUXG22KVLA	AUXG24KVLA
Power Source				Single-phase, ~230V, 50Hz		
Airflow Rate	Cooling	H/M/L/Q	m ³ /h	680/580/490/410	830/740/600/450	930/830/600/450
	Heating	H/M/L/Q		800/680/580/450	860/760/700/530	930/850/700/530
Net Dimension H × W × D			mm	245x570x570	245x570x570	245x570x570
Weight			kg(lbs)	15 (33)	16 (35)	16 (35)
Cassette Grille				UTG-UFYF-W	UTG-UFYF-W	UTG-UFYF-W
List Price				646	695	748

Indoor Units Model No.				Duct		
				ARXG18KLLAP	ARXG22KMLA	ARXG24KMLA
Power Source				Single-phase, ~230V, 50Hz		
Airflow Rate	Cooling	H/M/L/Q	m ³ /h	940/880/820/750	1,100/910/750/580	1,100/910/750/580
	Heating	H/M/L/Q		940/880/820/750	1,100/910/750/580	1,100/910/750/580
Net Dimension H × W × D			mm	198x900x620	270x1,135x700	270x1,135x700
Weight			kg(lbs)	20 (44)	35 (77)	35 (77)
Filter				No Filter	UTDLF25NA	UTDLF25NA
List Price				658	812	849

Outdoor Units Model No.			AOYG36KBTB	AOYG45KBTB	AOYG54KBTB
Capacity	Cooling	kW	9.5	12.1	13.4
	Heating	kW	10.8	13.5	15.5
Power Source			Single-phase, ~230V, 50Hz		
Pdesign	Cooling	kW	—	—	—
	Heating (-10°C)	kW	8.7	9.2	9.5
SEER	Cooling	W/W	6.10	—	—
SCOP	Heating	W/W	4.00	—	—
Annual Energy Consumption	Cooling	kWh/a	545	—	—
	Heating	kWh/a	3,043	—	—
Energy Efficiency Class	Cooling		A++	—	—
	Heating		A+	—	—
Sound Pressure Level (High)	Cooling	dB(A)	55	57	57
	Heating		55	57	59
Sound Power Level (High)	Cooling		70	71	73
	Heating		70	71	73
Airflow Rate		m ³ /h	3,750/3,750	4,450/4,450	4,450/4,450
Net Dimension H × W × D		mm	788x940x320	998x940x320	998x940x320
Weight		kg(lbs)	52 (115)	67 (148)	67 (148)
Connection Pipe Diameter (Gas / Liquid)		Inch	5/8 & 3/8	5/8 & 3/8	5/8 & 3/8
Max Pipe Length (Pre-Charge)		m	50 (30)	50 (30)	50 (30)
Height Difference			30	30	30
Operation Range	Cooling	°CDB	-15 to 46	-15 to 46	-15 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24
Refrigerant	Type		R32	R32	R32
	Charge	kg(CO ₂ eq-T)	1.90(1.283)	2.70(1.823)	2.70(1.823)
List Price (Price does not include the separation tube)			1620	1771	1784
Separation tube (To be ordered separately)			UTP-SX236A (Twin)	UTP-SX236A (Twin)	UTP-SX236A (Twin) UTP-SX354A (Triple)
List Price			75	75	75 / 101

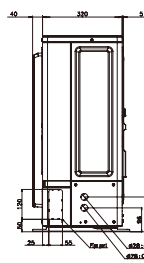
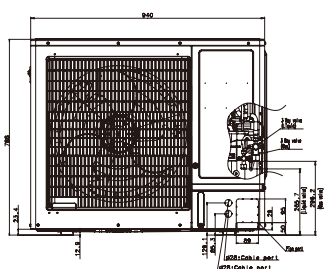
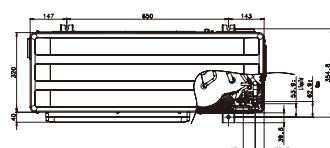
Wired Remote Controller: UTY-RVNYM £108

- Different type and capacity indoor units cannot be connected.
- The above table is the value for connecting with cassette type.

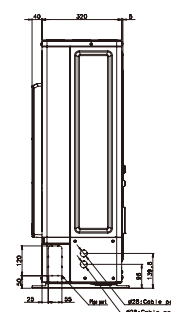
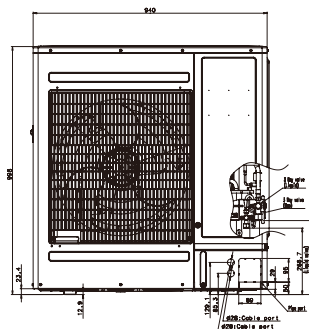
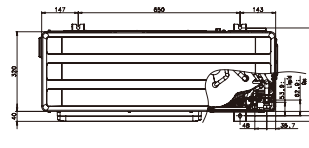
Dimensions

(Unit : mm)

AOYG36KBTB



AOYG45KBTB / AOYG54KBTB



8,10,12 HP: AJY072LELAH / AJY090LELAH / AJY108LELAH

14,16,18 HP: AJY126LELAH / AJY144LELAH / AJY162LELAH

NEW

18 HP
model

8, 10, 12 HP

14, 16, 18 HP

NEW

Specifications

Rating Capacity range		HP	8	10	12	14	16	18
Model name			AJY072LELAH	AJY090LELAH	AJY108LELAH	AJY126LELAH	AJY144LELAH	AJY162LELAH
Maximum Connectable Indoor Unit			1-20	1-25	1-30	1-36	1-40	1-42
Power source			3 phase, ~400V, 50Hz					
Capacity	Cooling	kW	22.4	28.0	33.5	40.0	45.0	50.0
	Nominal Heating		22.4	28.0	33.5	40.0	45.0	50.0
	Max Heating		25.0	31.5	37.5	45.0	50.0	55.0
Input power	Cooling	kW	6.30	8.59	10.42	12.12	14.96	18.52
	Nominal Heating		4.65	6.61	8.18	9.71	11.81	13.66
	Max Heating		5.45	8.29	10.25	11.80	14.29	16.66
EER	Cooling	W/W	3.56	3.26	3.22	3.30	3.01	2.70
COP	Nominal Heating		4.82	4.24	4.10	4.12	3.81	3.66
	Max Heating		4.56	3.80	3.66	3.81	3.50	3.30
Airflow rate		m³/h	8,400	9,000	11,000	13,000	14,000	14,800/15,300
Sound pressure level / Power level	Cooling	dB(A)	52/66	54/69	59/73	62/75	64/77	65/79
	Heating		54/—	57/—	61/—	63/—	65/—	68/—
Net Dimensions	Height	mm	1,428	1,428	1,428	1,638	1,638	1,638
	Width		1,080	1,080	1,080	1,080	1,080	1,080
	Depth		480	480	480	480	480	480
Weight		kg	170	177	178	213	213	217
Refrigerant	Type (Global Warming Potential)		R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
	Charge	kg(CO2eq-T)	7.0 (14.6)	7.5 (15.7)	7.5 (15.7)	11.0 (22.9)	11.0 (22.9)	11.8 (24.6)
Connection pipe diameter	Liquid	mm	9.52	9.52	12.70	12.70	12.70	12.70
	Gas		19.05	22.20	28.58	28.58	28.58	28.58
Total pipe length		m	400	400	400	400	400	400
Max. height difference			50/40 (Outdoor unit: Upper/Lower)					
Operation range	Cooling	°C	-15 to 46	-15 to 46	-15 to 46	-5 to 46*	-5 to 46*	-5 to 46*
	Heating		-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21	-20 to 21
List Price			5137	5407	6473	7563	9128	10,172

Note: Specifications are based on the following conditions.

Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB.

Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB.

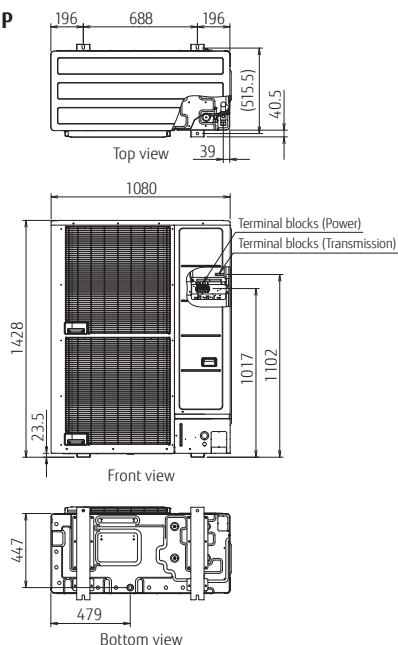
Pipe length: 7.5 m; Height difference between outdoor unit and indoor unit: 0 m.

* The cooling operation range of -15 to 46°C is allowed only when all of the indoor units connected to the system are higher than capacity of 5.6kW.

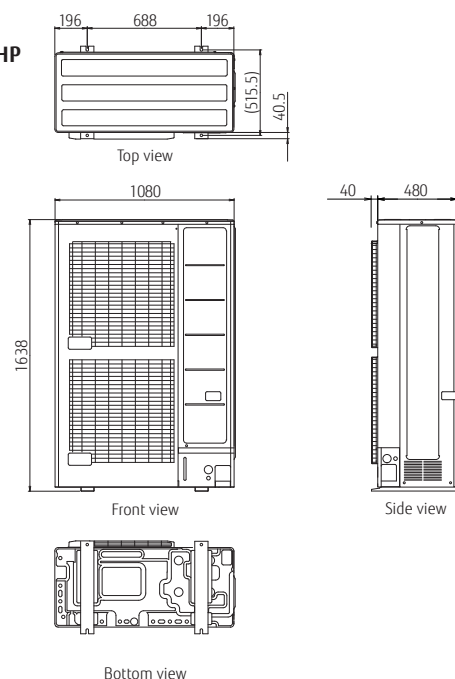
Dimensions

(Unit : mm)

8, 10, 12 HP



14, 16, 18 HP



Future Products

R32 Wall Mounted

Exquisite Design Range series
High Efficiency & Comfort

KE
Series

Future Release

- 7/9/12 class 3 models, 2 colors
- New compact design chassis
- High energy efficiency
- New type Wireless LAN adaptor (option)
- R32 refrigerant & low refrigerant volume



R32 8-10kW Wall Mounted

Standard Range
Comfort for Large Room

KM
Series

Future Release

- 8kW & 10kW Models
- Server Room Run/Standby feature
- Hard-Wired remote control option
- Indoor Unit 1150mm Wide
- Cooling/Heating down to -15°C
- Wi-Fi option
- KNX & Modbus BMS options
- Compact Outdoor Unit with Low Noise function



Central Remote Controller - Future Release



Max. Controllable
100 indoor units

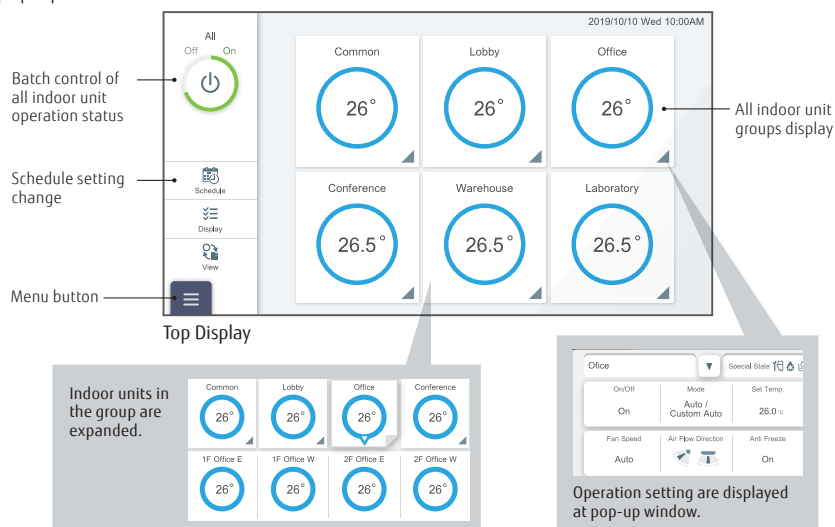
Max. Controllable
50 groups

For small- and medium-sized buildings and tenants

- Individual control and monitor of 100 indoor units
- 7.0inch TFT color screen
- High visibility and easy operation
- Trouble support function
- Remote monitoring / Remote operation

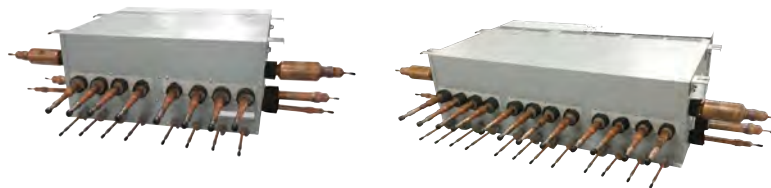
Easy operation

- The new central remote controller realized an intuitive operation feeling by touch panel operation.
- All functions can be accessed from the top screen and the following operations are displayed at pop-up window.



8 and 12 RB Boxes - Future Release

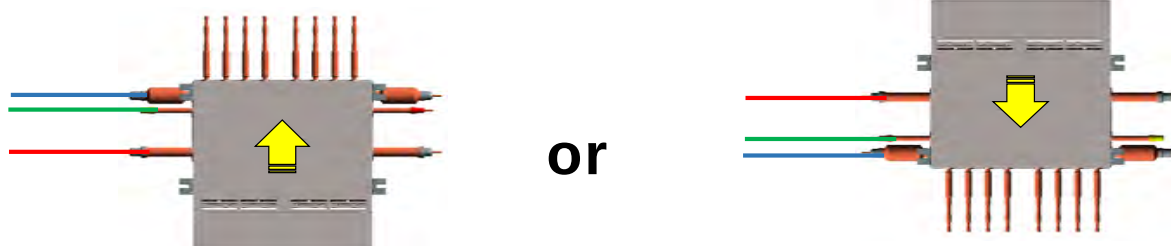
- Two-way connection
- Flexible indoor units connection
- Design without Drain pipe
- Minimise the height of the ceiling
- RB-Units 8 & 12 ports



			New Model		
Model name			UTPRX08AH	UTPRX12AH	
Power source			1N 230V, 50Hz		
Available voltage range			198 to 264V		
Number of branches			8	12	
Maximum number of connectable indoor units per branch			7	7	
Maximum capacity of connectable indoor units(Q)		kW	Q ≤ 72.0	Q ≤ 95.0	
Maximum capacity of connectable indoor units per branch(Q)			Q ≤ 8.0	Q ≤ 8.0	
Input power		W	136	204	
Running current		A	0.88	1.32	
Breaker capacity		A	20A	20A	
Refrigerant type			R410A		
Dimensions (H x W x D)		Net	mm	298 x 660 x 618	298 x 990 x 618
		Gross		402 x 1388 x 992	402 x 1718 x 992
Weight		Net	kg	50	72
		Gross		63	86
Connection pipe	Outdoor unit side	Suction gas pipe	mm	34.92	34.92
		Discharge gas pipe		28.58	28.58
		Liquid pipe		19.05	19.05
	Indoor unit side	Gas pipe		19.05	19.05
		Liquid pipe		9.52	9.52
	Method			Brazing	
Operation range		℃	-15 to 46	-15 to 46	
		%RH	80 or less	80 or less	

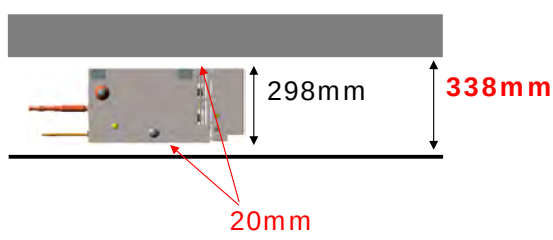
Two-way connection

Installation direction of RB unit can be changed to meet the installation condition



Minimize the height of the ceiling

Set-up and maintenance from the side is possible in a narrow space



Easy access to the control box



VRF - 4th Generation

Exquisite Design Range series
High Efficiency & Comfort
Future Release



Intelligent Refrigerant Control

Automatically adjusts the refrigerant temperature, increasing the seasonal efficiency and optimising the air off temperature for improved levels of comfort.

Increased Number of Indoor Units

For design flexibility the number of indoor units connected to a single system has been increased, helping reduce the overall installation space of the outdoor units and refrigerant charge.

Decreased Minimum Amount of Connectable Indoor Units

Especially useful for phased installations, with just 1 indoor unit connection being possible*

Rotation Defrost Operation

Provides continuous heating even when a defrost cycle is required. Traditional heat pumps are interrupted during heating by the defrost cycle, the VR-IV can provide continuous heating by rotating the defrost cycle between outdoor units**

RB Units 8 & 12 Way

Extended line up, Now including 1, 4, 8 and 12 way boxes (see page 017)

Service Function Expansion

Function Settings to configure both indoor and outdoor settings can be set Via the Fujitsu Service Tool software.

Plug and Play Leak Detection

Simple Leak Detection solution by connection of the leak detector directly to the indoor unit. Removes the need for stand-alone alarm panels and additional wiring, drastically reducing the installation cost to satisfy EN378.

UTY-GXXA External Back-Up Power Supply

When the power to an indoor unit is turned off UTY-GXXA allows all indoor units to operate continuously without affecting the system
Especially useful for when a single system is shared across tenants and the power is turned off in certain areas/floors of a building.

* Not available on all models.

** Only available on modular systems.

AIRSTAGE™



Air Handling Unit for VRF - Future Release

System Overview

Air handling solutions by Fujitsu General for the most demanding installations, where energy efficiency meets with the highest comfort. The system is composed of AIRSTAGE™ VRF outdoor units from 10 to 54 HP and the Air Handling Unit to suit all types of applications, covering air flow ranges from 4,500 to 18,100 m³/h and cooling capacities from 25 to 96 kW.

The Advantages of the System

Comfort and efficiency

The system offers optimised comfort and air quality, providing clean treated air thanks to the high filtration systems at constant temperature.

With EC Plug-Fans, and options for heat recovery, humidification, the AHU becomes an extremely efficient and comfortable air supply solution

Easy design and installation

The system is simple to design and install. Being modular and with no additional external kit is required as the Air Handling Unit includes DX-kit (Expans valve and control PCB).

AHU model selection is made easy by using Selection Software.

Thanks to the Airstage VRF outdoor unit, long pipe lengths are available with simple wiring and control solutions.

Total solution concept

Integrating an Air Handling Unit into the total building climate system simplifies both design and installation procedures based on a single common technology. From project follow-up to installation, commissioning and maintenance, all procedures are simplified since only one installer is involved.



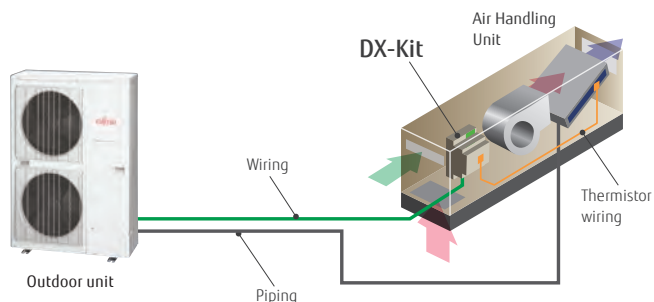
DX-Kit Future Release

For Air Handling Application / For Single Split Outdoor Unit

- Simple installation through compact DIN rail mountable enclosure
- No need for expansion device
- No separate external power required

**Flexible connectivity**

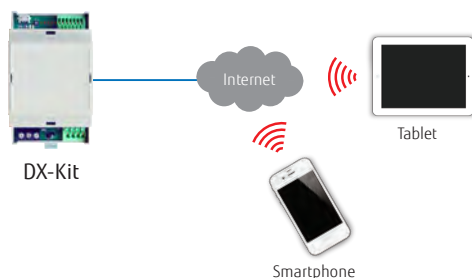
The control unit allows connection to third party equipment. Fujitsu General single split outdoor units can be used with this control unit, creating an ideal solution for air handlers.

**Supports a wide range of capacity class**

Connectable large capacity range: 3.5 kW ~ 22.0 kW (Nominal)

**Operation from anywhere on your mobile device**

Available to use operation and management from remote control such as Smartphones and Tablets

**Functions Summary****Inputs**

- ON/OFF
- Heating/Cooling operation mode
- Capacity demand (analogue 0-10 V)
- Heat exchanger temperature

Outputs

- Status of Compressor, Defrost, Error (Potential free relays)
- LED status indication

Wireless LAN Control

Wireless LAN control with cloud connectivity enables safe remote monitoring and control from anywhere.

Specifications

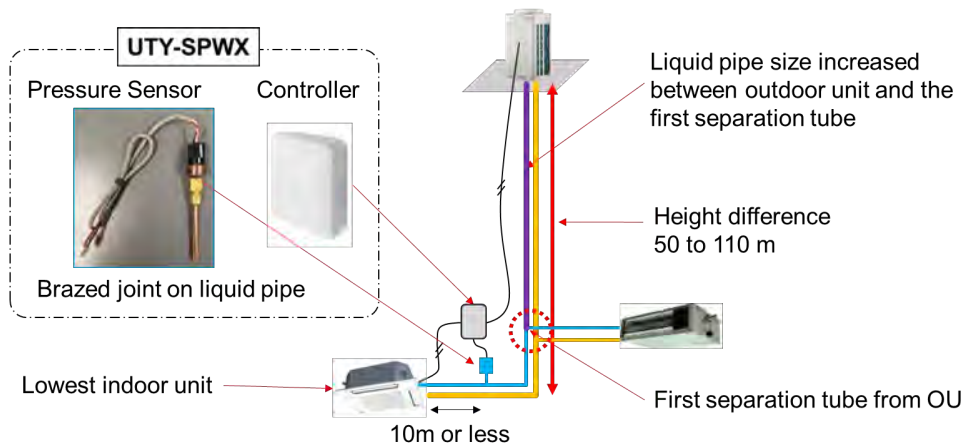
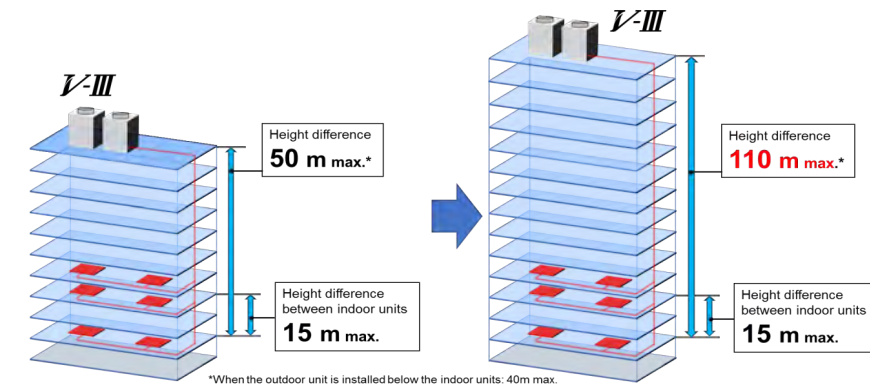
BTU			12	14	18	24	30	36	45	54	60	72	90
Capacity (Nominal)	Cooling	kW	3.5	4.3	5.2	6.8	8.5	9.4	12.1	13.3	15.0	19.0	22.0
	Heating		4.1	5.0	6.0	7.8	10.0	10.8	13.3	15.8	18.0	22.4	27.0
Model No.			UTY-XDZX										
Power source		V/Ø/Hz	230/1/50										
Dimensions (H × W × D)		mm	90.2 × 53.3 × 57.5										
Weight		g	110										

Note: Specifications are based on the following conditions.

Cooling: Indoor temperature of 27°CDB / 19°CWB, and outdoor temperature of 35°CDB / 24°CWB. -Heating: Indoor temperature of 20°CDB / (15°CWB), and outdoor temperature of 7°CDB / 6°CWB. Pipe length: 5.0 m Voltage: 230 [V].

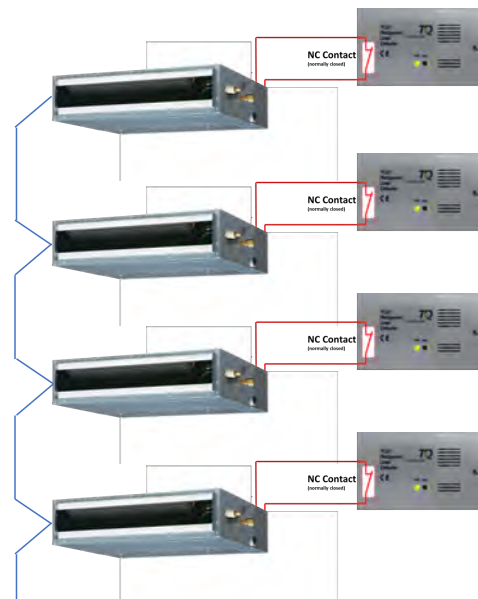
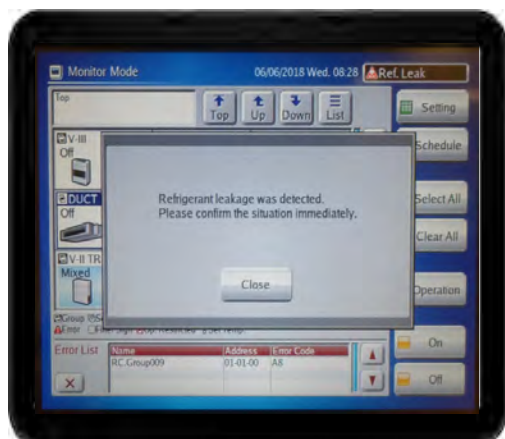
V-III - UTY-SPWX - New Features

VIII Height Difference between indoor and outdoor units can now be increased from 50 to 110m



Plug and Play Leak Detection- New Features

All VRF indoor units now come equipped with leak detection input. A new Function number has been added that allows the leak detection unit to be plugged directly in to the indoor unit.



2019-20 TRAINING CALENDAR

The following dates are available at our training centres. If your preferred course, date or training centre is not shown please contact us to book a course at your nearest centre.

	September 2019	October 2019	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	May 2020
1		2						2	
2		3						8	
3	2	8		2			2		
4	3			3		2	3		
5	8		2	4b		3	5		3
6			3			8			5
7			8		2			5	6
8		4b			3			6	
9		5			8			10	
10	5	6		5			2		
11	6			6		2	3		
12	10		2	8		8	8		2
13			5			4b			3
14			6		2			2	8
15		2			5			3	
16		3			6			5	
17	2	5		2			10		
18	2			3		5	3		
19	3		3	5		2	5		4b
20			5			8			5
21			6		3			3	6
22		10			2			2	
23		2			3			8	
24	2	8							
25						5			
26			3						6
27	2								
28						5		2	
29			3						6
30									
31							2		

London Training Centre		Leeds Training Centre		Dudley College		Eastleigh College
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Table Key Course Number

1
2
3
4a
4b
5
6
7
8
9
10

Product Group

ALL
SS,MS
Mini VRF
VRF
VRF
VRF
VRF
R32
TBC
AHU

Course Title

An introduction to the Fujitsu Product Portfolio
Split and Multi Split Systems - Installation, Commissioning and Troubleshooting
Mini VRF - Installation, Commissioning and Troubleshooting
Application and Design (Inc Design Simulator)
Design Simulator (Software only)
Installation and Commissioning
Advanced Service and Troubleshooting (Inc Service Tool)
VRF Central Controllers - Installation and Commissioning
An insight into R32 - Installation, Commissioning, Troubleshooting
TBC
AHU DX Kit and Freeverter Options - Design, Installation and Commissioning

For more details on our training courses please contact Fujitsu General Air Conditioning (UK) on

Email: training@fgac.fujitsu-general.com

Phone: +44 (0)208 731 3450

Website: www.fujitsu-general.com/uk



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FUJITSU

AIR CONDITIONING

Notice for specifications

I.U. = Indoor Unit O.U. = Outdoor Unit Qu = Quiet * = Not decided yet

- Specifications and design are subject to change without notice for future improvement.
- For further details, please check with our authorised dealer.
- Cooling/Heating capacities are based on the following conditions.

Cooling	Indoor temp. : 27°C DB/19°C WB Outdoor temp.: 35°C DB/24°C WB	Heating	Indoor temp. : 20°C DB Outdoor temp.: 7°C DB/6°C WB
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UK Cooling Conditions	Indoor temp. : 23°C DB/16°C WB Outdoor temp.: 30°C
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- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
- Sound power test is in accordance with EN12102



Fujitsu General (Thailand) Co., Ltd.



ISO 9001 Certified number: 01 100 075229
ISO 14001 Certified number: 01 104 9245

Fujitsu General (Shanghai) Co., Ltd.



ISO 9001 Certified number: 01 100 79269
ISO 14001 Certified number: CNB312244-UK

Fujitsu General Central Air-conditioner (Wuxi) Co., Ltd.



ISO 9001 Certified number: 15917020073R5M
ISO 14001 Certified number: 15918E20021R5M

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