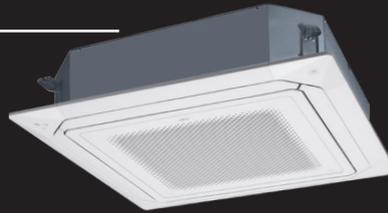


AIR CONDITIONING

Cassette - Economy Series

Indoor unit
AUXG18/22/24/30/36/45/54KRLB

Outdoor unit
[Single phase] AOYG18/22/24/30/36/45/54KATA
[3 phase] AOYG36/45/54KQTA



AUXG18/22/24KRLB

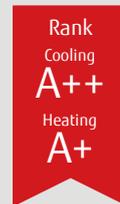


AUXG30/36/45/54KRLB



High efficiency and unique circular flow design

Cassette type realizes Circular Flow to deliver a large airflow in 360° direction by mounting high performance DC fan motor, turbo fan and unique seamless airflow louvre design.



SEER

7.00

(18/22 models)

SCOP

4.40

(22 model)

Individual louvre control

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

*Touch Panel Wired RC (UTY-RNRYZ2&3) only



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

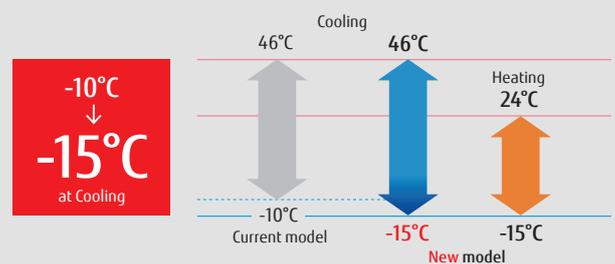


Compact and lightweight outdoor unit

Easier range installation by use of compact and lightweight outdoor unit.



Low ambient operation



Cassette grille + Controller



UTG-UKYA-W
White Color Grille
With touch panel wired
remote controller



Model: AUXG18KRLB / AUXG22KRLB / AUXG24KRLB / AUXG30KRLB / AUXG36KRLB / AUXG45KRLB / AUXG54KRLB
 [Single phase] AOYG18KATA / AOYG22KATA / AOYG24KATA / AOYG30KATA / AOYG36KATA / AOYG45KATA / AOYG54KATA
 [3 phase] AOYG36KQTA / AOYG45KQTA / AOYG54KQTA



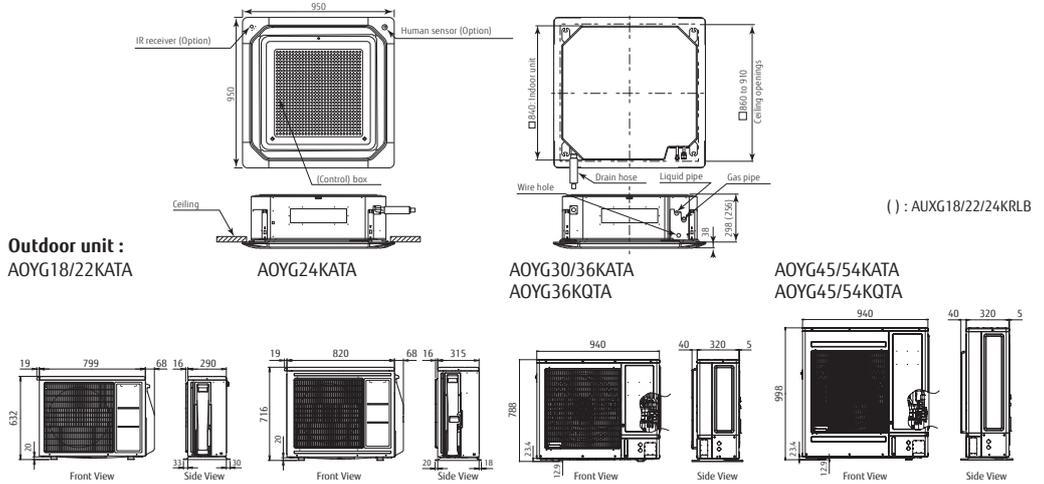
Optional parts

Wired Remote Controller:	UTY-RNRYZ3, UTY-RVNYM,
Simple Remote Controller:	UTY-RSRY, UTY-RSNYM
IR Receiver Kit:	UTY-LBTCY
Wireless LAN Interface:	UTY-TFSXZ1
Human Sensor Kit:	UTY-SHZXC
Cassette Grille:	UTG-UKYA-W, UTG-UKYK-W, UTG-UKYA-B
Wide Panel:	UTG-AXXA-W
Fresh Air Intake Kit:	UTZ-VXRA
Insulation Kit for High Humidity:	UTZ-KXRA
External Input and Output PCB (with box):	UTY-XCSX + UTZ-GXRA
External Connect Kit:	UTY-XWZXZG

Dimensions

Indoor unit : AUXG18/22/24/30/36/45/54KRLB

(Unit : mm)



Model No.	Indoor unit			AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
	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		kW	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		W/W	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		W/W	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		kWh/a	1,297	1,502	1,887	2,794	3,044	-	-	3,044	-	-
Moisture Removal			l/h	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	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	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	m³/h	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	m³/h	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 Hand 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		m		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		°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	-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)

• Specifications and design are subject to change without notice for further improvement.
 • Actual products' colors may be different from the colors shown in this printed material.

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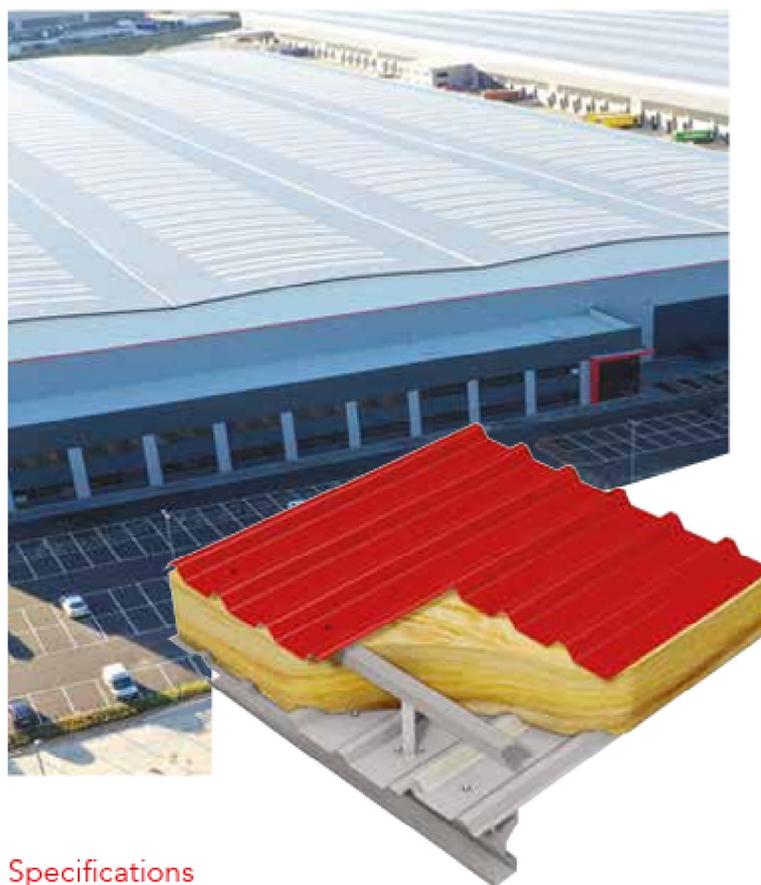
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Elite 1

Elite 1 is recommended for use in designs with a finished roof pitch equal to or greater than 4°.

Barrel vault curved roofs can also be achieved where crown sheet end laps are equal to or greater than 2.5° finished pitch.

The EC 32-167-1000 Roof Profile 1 or EC 32-167-1000 Roof 5F Forward Special external profile is fixed to the Quattro spacer system, which creates the insulation gap between the outer sheet and the EC 19-167-1000 Liner 2 liner.



Specifications

External profile	Euroclad EC 32-167-1000 Roof Profile 1 or EC 32-167-1000 Roof 5F Forward Special or 5F 0.7mm steel Colorcoat HPS200 Ultra® / Colorcoat Prisma®
Spacer system	Quattro Bracket and Quattro Bar
Insulation	0.040W/mK Lambda insulation as standard
Internal profile	Euroclad EC 19-167-1000 Liner 2 0.4mm steel
System components	Supplied by Euroclad: Fasteners, standard U-value rooflights, flashings, membranes, tapes, mastic and sealants, fabrications Supplied by others: PV solutions, fall arrest and fall restraint, roof penetrations

Performance

U-value	Quattro bracket	0.040W/mK insulation
0.16W/m ² K AD-L 2021:Volume 2	280mm	280mm
0.17W/m ² K 2013 notional building value compliant	260mm	260mm

Assumptions used in calculation:
Quattro Brackets at 1.167m centres, Quattro Bars at 1.500m centres. 0.040λ (Lambda)
90/90 quilt insulation filling the void between liner sheet and underside of external profile.
U-values can be calculated for Elite 1 specifications with alternative Quattro Bracket heights not listed above. Contact the [Technical Team](#) for more information.

NOTE: Roofing system specification to be confirmed by roofing subcontractor. System will achieve min u-value of 0.16 W/m²K

Elite 51 Range

Euroclad Elite 51 Range is a modular and guaranteed solution for vertical cladding.

The system comprises of a trapezoidal (EC 32-167-1000 Wall Reverse Profile) profile sheet fixed to our Quattro spacer system with compressed quilt insulation retained between the outer sheet and the EC 19-167-1000 Liner 2 liner.

The system can be adapted to meet a range of project requirements, including a range of thermal and acoustic options, whilst offering a modernised external finish to suit local surroundings.



Specifications

External profile	EC 32-167-1000 Wall Reverse Profile 0.7mm steel Colorcoat Prisma® / Colorcoat HPS200 Ultra®
Spacer system	Quattro Bracket and Quattro Bar
Insulation	0.040W/mK Lambda insulation as standard
Internal profile	Euroclad EC 19-167-1000 Liner 2 0.4mm steel
System components	Fasteners, flashings, membranes, tapes, mastic and sealants, fabrications

Performance

U-value	Quattro bracket	0.040W/mK insulation
0.26W/m ² K		
Limiting U-Value for new or replacement walls ADL 2021:Volume 2 incorporating 2023 amendments	160mm	160mm
0.20W/m ² K	220mm	220mm

Other U-values are available.

Fire resistance of both FR15 and FR30 available. Please contact our [Technical Department](#) for further information.

NOTE: Cladding system specification to be confirmed by cladding subcontractor. System will achieve min u-value of 0.26 W/m²K