

NEW PRODUCT RELEASE

Split Air Conditioner Compact Cassette

Model:

- AUXG09KVLA / AOEG09KATA**
- AUXG12KVLA / AOEG12KATA**
- AUXG14KVLA / AOEG14KATA**
- AUXG18KVLA / AOEG18KATA**
- AUXG22KVLA / AOEG22KATA**
- AUXG24KVLA / AOEG24KATA**



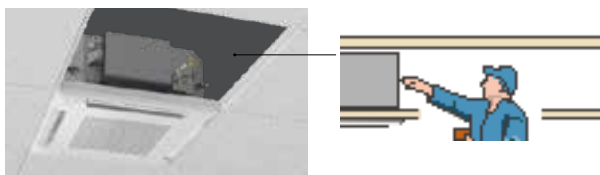
Compact and stylish panel design

The compact and stylish panel fits nicely into a grid-type ceiling. Its linear design is a perfect fit into a grid of 620 mm × 620 mm in the ceiling.



Easy maintenance

You can access the unit for maintenance simply by removing a ceiling panel next to the grille. As no inspection hole needs to be cut through the ceiling, no additional construction cost is incurred.



The air inlet grille can be installed to open in any direction for easy maintenance.



Flexible installation

The unit fits nicely into the decor of a grid-type ceiling and can be installed near the lighting or a ventilation opening.



Link up with a variety of central control system (Option)

Centralized control including facilities and equipment in addition to air conditioning is possible by linking up with MODBUS, KNX interfaces.



Central Control System



Specifications

Model No.	Indoor unit		AUXG09KVLA	AUXG12KVLA	AUXG14KVLA	AUXG18KVLA	AUXG22KVLA	AUXG24KVLA	
	Outdoor unit		AOEG09KATA	AOEG12KATA	AOEG14KATA	AOEG18KATA	AOEG22KATA	AOEG24KATA	
Power Source			Single phase, ~230V, 50Hz						
Capacity	Cooling	kW	2.5	3.5	4.3	5.2	6.0	6.8	
	Heating		3.2	4.1	5.0	6.0	7.0	7.5	
UK Total Cooling / UK 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	
	Cooling		3.68	3.21	3.14	3.08	3.08	3.01	
EER	Cooling	W/W	3.64	3.50	3.52	3.49	3.50	3.61	
	Heating		2.5 / 2.3	3.5 / 2.8	4.3 / 3.2	5.2 / 3.8	6.0 / 4.4	6.8 / 5.4	
Pdesign	Cooling/Heating(-10°C)	kW	6.2	6.1	6.1	6.1	6.1	5.9	
	Cooling		4.0	4.0	4.0	3.9	3.9	3.8	
SEER	Cooling	W/W	A++	A++	A++	A++	A++	A+	
	Heating		A+	A+	A+	A	A	A	
SCOP	Cooling	kWh/a	141	201	247	298	344	403	
	Heating		804	979	1,120	1,362	1,578	1,988	
Moisture Removal			l/h						
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	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	Indoor(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 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	245 x 570 x 570	
	Outdoor	mm	541 x 663 x 290	541 x 663 x 290	542 x 799 x 290	542 x 799 x 290	632 x 799 x 290	632 x 799 x 290	
Weight	Indoor	kg	15	15	15	15	16	16	
	Outdoor	kg	23	25	32	33	36	38	
Remote Controller Type			NO CONTROLLER SUPPLIED WITH THESE UNITS PLEASE ORDER SEPARATELY						
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth						
Suggested MCB Size			A						
Max. Operating Current			Cooling/Heating		A			A	
Power Supply To			Outdoor						
Connection Pipe Diameter (Liquid / Gas)			Inch		1/4 & 3/8			1/4 & 1/2	
Max Pipe Length (Pre-Charge)			m		15 (15)			20 (15)	
Max Height Difference			m		15			20	
Refrigerant	Type (Global Warming Potential)		R32 (675)						
	Charge (CO2eq-T)	g	600 (0.405)	700 (0.473)	850 (0.574)	900 (0.608)	1100 (0.743)	1250 (0.844)	
Operation Range	Additional Charge	g/m	-	-	20	20	20	20	
	Cooling	°CDB	-15 to 46						
Heating	-15 to 24								
Cassette Grille	Model name		UTG-UFYF-W						
	Dimensions (H x W x D)		49x620x620						
	Weight		2.3						

Optional parts

* For optional parts compatibility of Intesis devices, please refer to the optional parts compatibility list page C-050 to C-053 and C-066.

Wired Remote Controller (Design type): UTY-RVRY	Wireless remote controller: UTY-LNTY	Network Converter for single split (DC power supply type): UTY-VTGX
Compact wired remote controller: UTY-RCRYZ1	External switch controller: UTY-TERX	Network Converter for single split (AC power supply type): UTY-VTGXV
Wired remote controller (touch panel): UTY-RNRYZ5	WLAN adapter: UTY-TFSXZ1	Insulation kit for high humidity: UTY-KXGC
Wired remote controller: UTY-RLRY	FG-RC-WIF1Z2	External input and output PCB: UTY-XCSX
UTY-RNNYM	UTY-TFSXJ3	External input and output PCB box: UTY-GXRA
UTY-RVNYM	FG-AC-WIF1Z1	Silver Ion Filter: UTD-HFAA
Simple remote controller (without operation mode): UTY-RHRY	Air Outlet Shutter Plate: UTR-YDZB	Fresh air intake kit: UTZ-VXAA
Simple remote controller: UTY-RSRY	Cassette Grille: UTY-UFYF-W	External connect kit: UTY-XWZXZG

Dimensions

